

WHENEVER. WHEREVER.
We'll be there.



December 7, 2021

Board of Commissioners
of Public Utilities
P.O. Box 21040
120 Torbay Road
St. John's, NL A1A 5B2

Attention: G. Cheryl Blundon
Director of Corporate Services
and Board Secretary

Dear Ms. Blundon:

Re: Newfoundland Power's 2022/2023 General Rate Application – 1st Revision

Further to the filing of the Settlement Agreement in respect of Newfoundland Power's 2022/2023 General Rate Application ("GRA" or the "Application"), please find enclosed the original and 10 copies of the following:

Amended Application

- Exhibit 1 (1st Revision): Operating Costs by Function (2019 to 2023F)
- Exhibit 2 (1st Revision): Operating Costs by Breakdown (2019 to 2023F)
- Exhibit 5 (1st Revision): 2022 and 2023 Comparative Financial Forecasts
- Exhibit 6 (1st Revision): 2022 and 2023 Forecast Average Rate Base
- Exhibit 7 (1st Revision): 2022 and 2023 Revenue Requirements
- Exhibit 8 (1st Revision): 2022 and 2023 Return on Rate Base
- Exhibit 9 (1st Revision): Revenue Requirement to Revenue from Rates Reconciliation
- Exhibit 10 (1st Revision): Average Customer Billing Impacts
- Exhibit 11 (1st Revision): Summary of Existing and Proposed Customer Rates
- Exhibit 13 (1st Revision): Electrification Cost Deferral Account Definition
- Exhibit 14 (1st Revision): Proposed Changes to the Rate Stabilization Clause
- Exhibit 15: Load Research and Rate Design Cost Deferral Account Definition
- Exhibit 16: Pension Capitalization Cost Deferral Account Definition

Exhibits 3, 4 and 12 of the Application are not affected by the Settlement Agreement and have not been revised. Exhibits 15 and 16 have been created to provide the definition for 2 new deferral accounts outlined in the terms of the Settlement Agreement. For clarity, the definition of the Pension Capitalization Cost Deferral Account provides for the offset of the cost impact resulting from the change in capitalizing pension costs on an annual basis until the full cost of the change can be reflected in customer rates pursuant to an order of the Board in relation to Newfoundland Power's next GRA.

Newfoundland Power Inc.

55 Kenmount Road • P.O. Box 8910 • St. John's, NL A1B 3P6
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Board of Commissioners
of Public Utilities
December 7, 2021
Page 2 of 2

A copy of this letter, together with enclosures, has been forwarded directly to the parties listed below.

If you have any questions regarding the enclosed, please contact the undersigned.

Yours truly,



Lindsay Hollett
Senior Legal Counsel

Enclosures

c. Shirley Walsh
Newfoundland and Labrador Hydro

Dennis Browne, Q.C.
Browne Fitzgerald Morgan & Avis

Newfoundland Power Inc.

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IN THE MATTER OF the *Public Utilities Act*, R.S.N.L. 1990, Chapter P-47, as amended, (the “Act”); and

IN THE MATTER OF a general rate application (the “Application”) by Newfoundland Power Inc. (“Newfoundland Power”) to establish customer electricity rates for 2022 and 2023.

TO: The Board of Commissioners of Public Utilities (the “Board”)

THE AMENDED APPLICATION OF Newfoundland Power SAYS THAT:

A. Background:

1. Newfoundland Power is a corporation duly organized and existing under the laws of the Province of Newfoundland and Labrador, is a public utility within the meaning of the Act, and is subject to the provisions of the *Electrical Power Control Act, 1994*.
2. The Act provides that the Board has the general supervision of public utilities and requires, in effect, that a public utility submit for the approval of the Board the rates, tolls and charges for the service provided by the public utility and the rules and regulations which relate to that service.
3. In Order No. P.U. 2 (2019), the Board ordered Newfoundland Power to file its next general rate application no later than June 1, 2021.
4. In Order No. P.U. 2 (2019), the Board ordered that the use of the automatic adjustment formula shall be suspended pending a further Order of the Board.
5. In Order No. P.U. 13 (2013), the Board approved the Conservation and Demand Management (“CDM”) Cost Deferral Account and the amortization of CDM program costs over 7 years.
6. In December 2020, Newfoundland Power filed its *Electrification, Conservation and Demand Management Plan: 2021-2025* with the Board as part of its *2021 Electrification, Conservation and Demand Management Application*. That application proposed, among other matters, the establishment of an Electrification Cost Deferral Account.
7. In Order No. P.U. 3 (1995-96), the Board approved Newfoundland Power’s proposal to change from the full cost method to the incremental cost method to allocate general expenses to General Expenses Capitalized (“GEC”). In February 2021, the Board

requested that Newfoundland Power include with its next general rate application a review of its methodology and cost ratios used to determine GEC. The Board requested that the review address why pension costs are included in GEC and how including pension costs in a labour loader would impact revenue requirement and customer rates. Newfoundland Power's review of its GEC is provided in *Volume 2, Supporting Materials, Tab 6, Review of General Expenses Capitalized*.

8. On May 27, 2021, Newfoundland Power filed a general rate application to establish customer electricity rates for 2022 and 2023 together with evidence in support thereof (collectively, the "Application").
9. In Order No. P.U. 26 (2021), Newfoundland and Labrador Hydro ("Hydro") and the Consumer Advocate were granted Intervenor Status.
10. On November 23, 2021, Newfoundland Power, Hydro, and the Consumer Advocate (the "Parties") filed with the Board an agreement reflecting the settlement of all issues arising from the Application (the "Settlement Agreement").

B. Newfoundland Power Proposals:

11. Newfoundland Power proposes that the Board implement the terms of the Settlement Agreement as agreed to by the Parties, which terms include:
 - (a) Approval of the calculation of depreciation expense as proposed in the Application with effect from January 1, 2022 by use of the depreciation rates as recommended in the *2019 Depreciation Study* filed with the Application, and the recovery in depreciation expense over the remaining life of the assets of an accumulated reserve variance identified in the *2019 Depreciation Study*, with the following amendments to the calculation of depreciation expense:
 - i. To correct for the appropriate service life of the Customer Information System (18 years); and
 - ii. To remove Electric Vehicle Charging Stations from plant investment;
 - (b) Approval of the 2022 and 2023 operating costs as proposed in the Application, with the following amendments:
 - i. Effective for the fiscal year ended December 31, 2022, only 50% of expenses associated with the cash flow component of the corporate target of Newfoundland Power's short-term incentive program be recovered in customer rates;
 - ii. All electrification infrastructure and program costs will be removed from the proposed revenue requirement and rate base in the Application.

Electrification infrastructure costs approved by the Board will be charged to the Electrification Cost Deferral Account proposed in Exhibit 13 of the Application;

- iii. The definition of the Electrification Cost Deferral Account as proposed in Exhibit 13 of the Application shall be amended as proposed in Exhibit 13 (1st Revision); and
 - iv. A reduction of \$300,000 in 2023 operating costs to reflect operating efficiencies;
- (c) Approval of the 2022 and 2023 Customer, Energy and Demand forecast (“CED Forecast”) proposed in the Application including no revision for price elasticity effects following the issuance of a final order of the Board on the Application;
 - (d) Approval of the creation of a deferral account to recover the costs incurred to conduct a Load Research Study and a Retail Rate Design Review, with costs to be charged to the Load Research and Rate Design Cost Deferral Account proposed in Exhibit 15 and approval of the amortization of the account balance to be determined in Newfoundland Power’s next general rate application;
 - (e) Approval of the capital structure of Newfoundland Power as proposed in the Application for ratemaking purposes;
 - (f) Approval of 8.5% as the rate of return on common equity to be used in determining a just and reasonable return on rate base for 2022 and 2023;
 - (g) Approval of the continued suspension of the use of an automatic adjustment formula for setting the allowed rate of return for Newfoundland Power;
 - (h) Approval of the forecast average rate base for 2022 of \$1,239,085,000 and for 2023 of \$1,287,450,000;
 - (i) Approval of the rate of return on average rate base for 2022 of 6.61% in a range of 6.43% to 6.79% and for 2023 of 6.39% in a range of 6.21% to 6.57%;
 - (j) Approval of the revisions to the Applicant’s general expenses capitalized calculation effective January 1, 2023, as set out in the Application, with the following amendments:
 - i. The use of the Pension Capitalization Cost Deferral Account proposed in Exhibit 16 to offset the impact of the proposed change in capitalizing pension costs until Newfoundland Power’s next general rate application; and
 - ii. For 2023 revenue requirement purposes, amortization of the recovery of \$1,427,000 over a 5-year period commencing January 1, 2023;

- (k) Commencing January 1, 2021, approval of an increase in the amortization period for customer CDM program costs from 7 years to 10 years, to be applied to both historical balances and annual charges, and a corresponding amendment to Clause II.7 of the Rate Stabilization Clause;
 - (l) Approval of recovery of actual Board and Consumer Advocate costs related to the Application through the Rate Stabilization Account;
 - (m) Approval of the amortization of a forecast 2022 revenue shortfall of approximately \$930,000 over a 34-month period, commencing March 1, 2022 and ending December 31, 2024; and
 - (n) Approval of the revenue requirement for 2022 of \$704,861,000 and for 2023 of \$699,245,000, reflecting the proposals contained in this Amended Application.
12. If approved, the terms of the Settlement Agreement will result in a 1.1% average decrease in Newfoundland Power customer rates for each class of service, effective March 1, 2022.

C. Order Requested:

13. Newfoundland Power requests that the Board make an Order approving:
- (a) The implementation of the terms of the Settlement Agreement as agreed to by the Parties and filed with the Board on November 23, 2021 as such terms are described in this Amended Application;
 - (b) Pursuant to sections 70 and 80 of the Act:
 - i. Rates, tolls and charges as set out in Schedule A to the Amended Application; and
 - ii. Rules and regulations governing service as set out in Schedule B to the Amended Application;to be effective for service provided on and after March 1, 2022; and
 - (c) Such further or other matters that appear just and reasonable on the evidence.

D. Communications:

14. Communication with respect to this Application should be forwarded to the attention of Lindsay S. Hollett and Liam P. O'Brien, Counsel to Newfoundland Power.

DATED at St. John's, Newfoundland and Labrador, this 7th day of December, 2021.

NEWFOUNDLAND POWER INC.



Lindsay S. Hollett and Liam P. O'Brien
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IN THE MATTER OF the *Public Utilities Act*, R.S.N.L. 1990, Chapter P-47, as amended, (the “Act”); and

IN THE MATTER OF a general rate application (the “Application”) by Newfoundland Power Inc. (“Newfoundland Power”) to establish customer electricity rates for 2022 and 2023.

AFFIDAVIT

I, Gary Murray, of the City of St. John’s, in the Province of Newfoundland and Labrador, make oath and say as follows:

1. That I am President and Chief Executive Officer of Newfoundland Power;
2. That I have read and understand the foregoing Application; and
3. That, to the best of my knowledge, information and belief, all matters, facts and things set out in this Application are true.

SWORN TO at St. John's
in the Province of Newfoundland and Labrador
this 7th day of December, 2021,
before me:



Barrister Lindsay S. Hollett
Barrister, NL



Gary Murray

NEWFOUNDLAND POWER INC.
RATE #1.1
DOMESTIC SERVICE

Availability:

For Service 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: (Includes Municipal Tax and Rate Stabilization Adjustments)

Basic Customer Charge:

| | |
|-------------------------------------|-------------------|
| Not Exceeding 200 Amp Service | \$15.81 per month |
| Exceeding 200 Amp Service | \$20.81 per month |

Energy Charge:

| | |
|--------------------------|------------------|
| All kilowatt-hours | @12.381¢ per kWh |
|--------------------------|------------------|

Minimum Monthly Charge:

| | |
|-------------------------------------|-------------------|
| Not Exceeding 200 Amp Service | \$15.81 per month |
| Exceeding 200 Amp Service | \$20.81 per month |

Discount:

A discount of 1.5% of the amount of the current month's bill will be allowed if the bill is paid within 10 days after it is issued.

General:

Details regarding conditions of service are provided in the Rules and Regulations. **This rate does not include the Harmonized Sales Tax (HST) which applies to electricity bills.**

NEWFOUNDLAND POWER INC.
RATE #1.1S
DOMESTIC SEASONAL - OPTIONAL

Availability:

Available upon request for Service to Customers served under Rate #1.1 Domestic Service who have a minimum of 12 months of uninterrupted billing history at their current Serviced Premises.

Rate:

The Energy Charges provided for in Rate #1.1 Domestic Service Rate shall apply, subject to the following adjustments:

Winter Season Premium Adjustment (Billing months of December through April):

All kilowatt-hours@ 0.953¢ per kWh

Non-Winter Season Credit Adjustment (Billing Months of May through November):

All kilowatt-hours@ (1.297)¢ per kWh

Special Conditions:

1. An application for Service under this rate option shall constitute a binding contract between the Customer and the Company with an initial term of 12 months commencing the day after the first meter reading date following the request by the Customer, and renewing automatically on the anniversary date thereof for successive 12-month terms.
2. To terminate participation on this rate option on the renewal date, the Customer must notify the Company either in advance of the renewal date or no later than 60 days after the anniversary/renewal date. When acceptable notice of termination is provided to the Company, the Customer's billing may require adjustment to reverse any seasonal adjustments applied to charges for consumption after the automatic renewal date.

NEWFOUNDLAND POWER INC.
RATE #2.1
GENERAL SERVICE 0-100 kW (110 kVA)

Availability:

For Service (excluding Domestic Service) where the maximum demand occurring in the 12 months ending with the current month is less than 100 kilowatts (110 kilovolt-amperes).

Rate: (Includes Municipal Tax and Rate Stabilization Adjustments)

Basic Customer Charge:

| | |
|--------------------|-------------------|
| Unmetered | \$11.91 per month |
| Single Phase | \$19.91 per month |
| Three phase | \$31.91 per month |

Demand Charge:

\$9.71 per kW of billing demand in the months of December, January, February and March and \$7.21 per kW in all other months. The billing demand shall be the maximum demand registered on the meter in the current month in excess of 10 kW.

Energy Charge:

| | |
|----------------------------------|-------------------|
| First 3,500 kilowatt-hours | @ 12.241¢ per kWh |
| All excess kilowatt-hours | @ 9.283¢ per kWh |

Maximum Monthly Charge:

The Maximum Monthly Charge shall be 21.026 cents per kWh plus the Basic Customer Charge, but not less than the Minimum Monthly Charge. The Maximum Monthly Charge shall not apply to Customers who avail of the Net Metering Service Option.

Minimum Monthly Charge:

| | |
|--------------------|-------------------|
| Unmetered | \$11.91 per month |
| Single Phase | \$19.91 per month |
| Three Phase | \$31.91 per month |

Discount:

A discount of 1.5% of the amount of the current month's bill 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 does not include the Harmonized Sales Tax (HST) which applies to electricity bills.**

NEWFOUNDLAND POWER INC.
RATE #2.3
GENERAL SERVICE 110 kVA (100 kW) - 1000 kVA

Availability:

For Service 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: (Includes Municipal Tax and Rate Stabilization Adjustments)

Basic Customer Charge:\$48.89 per month

Demand Charge:

\$8.15 per kVA of billing demand in the months of December, January, February and March and \$5.65 per kVA in all other months. The billing demand shall be the maximum demand registered on the meter in the current month.

Energy Charge:

First 150 kilowatt-hours per kVA of billing demand,
up to a maximum of 50,000 kilowatt-hours@ 10.466¢ per kWh
All excess kilowatt-hours@ 8.507¢ per kWh

Maximum Monthly Charge:

The Maximum Monthly Charge shall be 21.026 cents per kWh plus the Basic Customer Charge. The Maximum Monthly Charge shall not apply to Customers who avail of the Net Metering Service Option.

Discount:

A discount of 1.5% of the amount of the current month's bill 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 does not include the Harmonized Sales Tax (HST) which applies to electricity bills.**

NEWFOUNDLAND POWER INC.
RATE #2.4
GENERAL SERVICE 1000 KVA AND OVER

Availability:

For Service where the maximum demand occurring in the 12 months ending with the current month is 1000 kilovolt-amperes or greater.

Rate: (Includes Municipal Tax and Rate Stabilization Adjustments)

Basic Customer Charge:\$85.20 per month

Demand Charge:

\$7.82 per kVA of billing demand in the months of December, January, February and March and \$5.32 per kVA in all other months. The billing demand shall be the maximum demand registered on the meter in the current month.

Energy Charge:

First 75,000 kilowatt-hours@ 10.105¢ per kWh
All excess kilowatt-hours@ 8.427¢ per kWh

Maximum Monthly Charge:

The Maximum Monthly Charge shall be 21.026 cents per kWh plus the Basic Customer Charge. The Maximum Monthly Charge shall not apply to Customers who avail of the Net Metering Service Option.

Discount:

A discount of 1.5% of the amount of the current month's bill 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 does not include the Harmonized Sales Tax (HST) which applies to electricity bills.**

NEWFOUNDLAND POWER INC.
RATE #4.1
STREET AND AREA LIGHTING SERVICE

Availability:

For Street and Area Lighting Service where the electricity is supplied by the Company and all fixtures, wiring and controls are provided, owned and maintained by the Company.

Monthly Rate: (Includes Municipal Tax and Rate Stabilization Adjustments)

| | Sentinel/Standard | Post Top |
|---|--------------------------|-----------------|
| High Pressure Sodium | | |
| 100W (8,600 lumens) | \$18.10 | \$19.29 |
| 150W (14,400 lumens) | 22.60 | - |
| 250W (23,200 lumens) | 32.23 | - |
| 400W (45,000 lumens) | 45.27 | - |
| Light Emitting Diode | | |
| LED 100 | \$15.94 | - |
| LED 150 | 17.97 | - |
| LED 250 | 21.77 | - |
| LED 400 | 25.17 | - |
| Special poles used exclusively for lighting service* | | |
| Wood | \$6.12 | |
| 30' Concrete or Metal, direct buried | 8.55 | |
| 45' Concrete or Metal, direct buried | 14.15 | |
| 25' Concrete or Metal, Post Top, direct buried | 6.06 | |
| Underground Wiring (per run)* | | |
| All sizes and types of fixtures | \$14.42 | |

* Where a pole or underground wiring run serves two fixtures paid for by different parties, the above rates for such poles and underground wiring may be shared equally between the two parties.

General:

Details regarding conditions of service are provided in the Rules and Regulations. **This rate does not include the Harmonized Sales Tax (HST) which applies to electricity bills.**

**NEWFOUNDLAND POWER INC.
CURTAILABLE SERVICE OPTION
(for Rates #2.3 and #2.4 only)**

Availability:

For Customers billed on Rate #2.3 or #2.4 that can reduce their demand ("Curtail") by between 300 kW (330 kVA) and 5000 kW (5500 kVA) upon request by the Company during the Winter Peak Period. The Winter Peak Period is between 8 a.m. and 9 p.m. daily during the calendar months of December, January, February and March. The ability of a Customer to Curtail must be demonstrated to the Company's satisfaction prior to the Customer's availing of this rate option.

Customers that reduce their demand in aggregate will be treated as a single Customer under this rate option. The aggregated Customer must provide a single point of contact for a request to Curtail.

Credit for Curtailing:

If the Customer Curtails as requested for the duration of a Winter, the Company shall credit to the Customer's account the Curtailment Credit during May billing immediately following that Winter. The Curtailment Credit shall be determined by one of the following options:

Option 1:

The Customer will contract to reduce demand by a specific amount during Curtailment periods (the "Contracted Demand Reduction"). The Curtailment Credit for Option 1 is determined as follows:

Curtailment Credit = Contracted Demand Reduction x \$29 per kVA

Option 2:

The Customer will contract to reduce demand to a Firm Demand level which the Customer's maximum demand must not exceed during a Curtailment period. The Curtailment Credit for Option 2 is determined as follows:

Maximum Demand Curtailed = (Maximum Winter Demand - Firm Demand)

Peak Period Load Factor =
$$\frac{\text{kWh usage during Peak Period}}{(\text{Maximum Demand during Peak Period} \times 1573 \text{ hours})}$$

Curtailment Credit = ((Maximum Demand Curtailed x 50%) + (Maximum Demand Curtailed x 50% x Peak Period Load Factor)) x \$29 per kVA

Limitations on Requests to Curtail:

Curtailment periods will:

1. Not exceed 6 hours duration for any one occurrence.
2. Not be requested to start within 2 hours of the expiration of a prior Curtailment period.
3. Not exceed 100 hours duration in total during a winter period.

The Company shall request the Customer to Curtail at least 1 hour prior to the commencement of the Curtailment period.

**NEWFOUNDLAND POWER INC.
CURTAILABLE SERVICE OPTION
(for Rates #2.3 and #2.4 only)**

Failure to Curtail:

Failure to Curtail under Option 1 occurs when a Customer does not reduce its demand by the Contracted Demand Reduction for the duration of a Curtailment period. Failure to Curtail under Option 2 occurs when a Customer does not reduce its demand to the Firm Demand level or below for the duration of a Curtailment period.

The Curtailment Credit will be reduced for failure to Curtail in a winter period as follows:

1. For the first 5 curtailment requests the Curtailment Credit will be reduced 25% for each failure to Curtail.
2. After the 5th curtailment 50% of the remaining Curtailment Credit, if any, will become vested ("Vested Curtailment Credit").
3. For all remaining curtailment requests the Curtailment Credit will be reduced by 12.5% for each additional failure to Curtail.

If a Customer fails to Curtail four times during a winter period, then:

1. The Customer shall only be entitled to the Vested Curtailable Credit, if any.
2. The Customer will no longer be entitled to service under the Curtailable Service Option.

Notwithstanding the previous paragraph, no Curtailment Credit will be provided if the number of failures to Curtail equals the number of Curtailment requests.

Termination/Modification:

The Company requires six months written notice of the Customer's intention to either discontinue Curtailable Service Option or to modify the Contracted Demand Reduction or Firm Demand level.

General:

Services billed on this Service Option will have approved load monitoring equipment installed. For a customer that Curtails by using its own generation in parallel with the Company's electrical system, all Company interconnection guidelines will apply, and the Company has the option of monitoring the output of the Customer's generation. All costs associated with equipment required to monitor the Customer's generation will be charged to the Customer's account.

**NEWFOUNDLAND POWER INC.
NET METERING SERVICE OPTION
(for Rates #1.1, #1.1S, #2.1,#2.3, and #2.4 only)**

Availability:

For Customers who use generation on their Serviced Premises to offset part or all of the electrical energy requirements of the Serviced Premises. Energy generated in excess of the requirements of the Serviced Premises is permitted to be credited against the Customer's energy purchases from the Company in accordance with this rate option.

Net Metering Service is available for any Serviced Premises that is supplied from the Company's distribution system, is billed under one of the Company's metered service rates, and which has generation electrically connected to it that meets the requirements of these provisions. Net Metering Service is not available for un-metered service accounts.

In order to avail of the Net Metering Service Option, Customers must submit a completed Net Metering Service Application to the Company demonstrating the Customer's eligibility for Net Metering Service.

Availability of the Net Metering Service Option will be closed once the provincial aggregate generating capacity for Net Metering Service of 5.0 MW has been met.

Customers that avail of the Net Metering Service Option must maintain compliance with all requirements of this Option. The Company shall have the right to verify compliance through inspection or testing.

Metering:

Net Metering Service will ordinarily be metered using a Company-supplied single meter capable of registering the flow of electrical energy in two directions. The meter will separately capture both the energy supplied to the Customer by the Company and the energy supplied to the Company by the Customer.

At the Company's option, the output of the Customer's generation may be metered separately. In that case, the Customer shall provide the Company with the access necessary to install and maintain the required metering equipment.

The Customer shall pay all costs to upgrade the metering equipment for Net Metering Service if the existing electrical meter at the Serviced Premises is not capable of safely and reliably measuring both the energy supplied to the Customer by the Company and the energy supplied to the Company by the Customer.

**NEWFOUNDLAND POWER INC.
NET METERING SERVICE OPTION
(for Rates #1.1, #1.1S, #2.1,#2.3, and #2.4 only)**

Billing:

Each account availing of Net Metering Service will be billed on the rate normally applicable to the Customer's class of Service.

The Customer's net monthly bill will be determined by deducting the Customer Generation Credit from the total of all charges for Service. The Customer Generation Credit equals the Generation Energy Credit, in kilowatt-hours ("kWh") multiplied by the rate applicable to the Customer's class of Service during the billing month.

The "Generation Energy Credit" is the sum of the kWh energy supplied by the Customer to the Company during the billing month plus Banked Energy Credits. The Generation Energy Credit for a billing month shall not exceed the energy supplied by the Company to the Customer during that month.

"Banked Energy Credits" are the amount of kWh energy supplied by the Customer to the Company that exceeds the kWh energy supplied by the Company to the Customer. Banked Energy Credits in excess of those used to calculate the Generation Energy Credit for a billing month will be carried forward to the following month.

The balance of the Customer's Banked Energy Credits carried forward will be settled annually by means of a credit on the Customer's bill for the Annual Review Billing Month. The Annual Review Billing Month will be determined by the Customer, in consultation with the Company, during the process of implementing Net Metering Service. Settlement of Banked Energy Credits will be computed based upon the then-current 2nd block energy charge in Newfoundland and Labrador Hydro's Utility Rate applicable to service provided to the Company.

Whenever a Customer's participation in the Net Metering Service Option is discontinued, any unused Banked Energy Credits will be settled with a credit on the Customer's next bill.

All customers must pay Harmonized Sales Tax (HST) on the energy supplied by the Company to the Customer during the billing month. If a Customer availing of Net Metering Service is required by law to collect HST on the energy they supply to the Company, the Company will pay HST to the Customer based on the amount of the Customer Generation Credit. It is the Customer's responsibility to notify the Company in writing if they are required to collect HST on the energy they supply to the Company.

**NEWFOUNDLAND POWER INC.
NET METERING SERVICE OPTION
(for Rates #1.1, #1.1S, #2.1,#2.3, and #2.4 only)**

Special Conditions:

Special conditions in this clause do not supersede, modify or nullify the conditions accompanying the metered rate schedules applicable to the Customer's class of Service.

To avail of Net Metering Service, a single Customer must own and maintain responsibility for the Serviced Premises, the generation and the electrical facilities connecting it to the Company's distribution system.

To qualify for Net Metering Service, the Customer's generation must meet the following requirements:

- i) be designed not to exceed the annual energy requirements of the buildings and facilities metered together on the Serviced Premises;
- ii) have a manufacturer's nameplate capacity rating totaling not more than 100 kW, except where a lower rating is stipulated by the Company for technical reasons;
- iii) be electrically connected through Customer-owned electrical facilities to the Serviced Premises to which Net Metering Service is being provided;
- iv) produce electrical energy from a renewable energy source, including wind, solar, photovoltaic, geothermal, tidal, wave, biomass energy or other renewable energy sources that may be approved by the Company on a case-by-case basis; and
- v) meet all applicable safety and performance standards established by the Canadian Electrical Code, the Public Safety Act and the Company's Interconnection Requirements.

All Customer-owned wiring, equipment and devices associated with generation utilized for Net Metering Service shall conform to the Company's interconnection requirements.

The Customer will retain the rights to any renewable energy credits or greenhouse gas-related credits arising from the use of renewable energy sources to generate electricity in accordance with this Option.

A Customer availing of Net Metering Service is responsible for all costs associated with their own facilities. The Customer shall also be required to pay all costs incurred by the Company to modify the utility supply for the provision of Net Metering Service, and for necessary engineering or technical studies required in connection with the provision of Net Metering Service to the Customer.

The approval of an application for Net Metering Service will be subject to the applicant entering into a Net Metering Interconnection Agreement with the Company.

If an applicant approved for Net Metering Service does not proceed with operation of its generation in accordance with its approval within two years from the date of the Company's approval of the application, the approval will be rescinded.

NEWFOUNDLAND POWER INC.
NET METERING SERVICE OPTION
(for Rates #1.1, #1.1S, #2.1,#2.3, and #2.4 only)

Approval of Net Metering Service may be revoked if a Customer is found to be in violation of provisions of the Company's Rules and Regulations.

If participation in the Net Metering Service Option is discontinued, the Customer must re-apply to the Company to avail of the Net Metering Service Option.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

1. INTERPRETATION:

- (a) In these Rates, Rules and Regulations the following definitions shall apply:
- (i) "Act" means The Public Utilities Act RSN 1970 c. 322 as amended from time to time.
 - (ii) "Applicant" means any person who applies for Service.
 - (iii) "Board" means the Board of Commissioners of Public Utilities of Newfoundland and Labrador.
 - (iv) "Company" means Newfoundland Power Inc.
 - (v) "Customer" means any person who accepts or agrees to accept Service.
 - (vi) "Disconnected" or "Disconnect" in reference to a Service means the physical interruption of the supply of electricity thereto.
 - (vii) "Discontinued" or "Discontinue" in reference to a Service means to terminate the Customer's on-going responsibility with respect to the Service.
 - (viii) "Domestic Unit" means a house, apartment or other similar residential unit which is normally occupied by one family, or by a family and no more than four other persons who are not members of that family, or which is normally occupied by no more than six unrelated persons.
 - (ix) "Service" means any service(s) provided by the Company pursuant to these Regulations.
 - (x) "Serviced Premises" means the premises at which Service is delivered to the Customer.
- (b) Unless the context requires otherwise these Rates, Rules and Regulations shall be interpreted such that
- (i) words imparting male persons include female persons and corporations.
 - (ii) words imparting the singular include the plural and vice versa.

2. CLASSES OF SERVICE:

- (a) The Company shall provide the following classes of Service:
- (i) Domestic Service
 - (ii) General Service, 0-100 kW (110 kVA)
 - (iii) General Service, 110 kVA (100 kW) - 1000 kVA
 - (iv) General Service, 1000 kVA and Over
 - (v) Street and Area Lighting Service
- (b) The terms and conditions relating to each class of Service shall be those approved by the Board from time to time.
- (c) Service, other than Street and Area Lighting Service, shall be metered except where the energy consumption is relatively low and constant and, in the opinion of the Company, can be readily determined without metering.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (d) The Customer shall use the Service on the Serviced Premises only. The Customer shall not resell the Service in whole or in part, except that the Customer may include the cost of Service in charges for the lease of space, or as part of the cost of other services provided by the Customer.

3. APPLICATION FOR SERVICE:

- (a) An Applicant, when required by the Company, shall complete a written Electrical Service Contract.
- (b) An application for Service, when accepted by the Company, constitutes a binding contract between the Applicant and the Company which cannot be assigned.
- (c) The person who signs an application for Service shall be personally liable for Service provided pursuant thereto, unless that person has authority to act for another person denoted as the Applicant on the application for Service.
- (d) The Company may in its discretion refuse to provide Service to an Applicant where:
 - (i) the Applicant fails or refuses to complete an application for Service.
 - (ii) the Applicant provides false or misleading information on the application for Service.
 - (iii) the Applicant or the owner or an occupant of the Serviced Premises has a bill for any Service which is not paid in full 30 days or more after issuance.
 - (iv) the Applicant fails to provide the security or guarantee required under Regulation 4.
 - (v) the Applicant is not the owner or an occupant of the Serviced Premises.
 - (vi) the Service requested is already supplied to the Serviced Premises for another Customer who does not consent to having his Service Discontinued.
 - (vii) the Applicant does not pay a charge described in Regulation 9 (b), (c), or (d).
 - (viii) the Applicant otherwise fails to comply with these Regulations.
- (e) A Customer who has not completed an application for Service shall do so within 5 days of a request having been made by the Company in writing.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

4. SECURITY FOR PAYMENT:

- (a) An Applicant or a Customer shall give such reasonable security for the payment of charges as may be required by the Company pursuant to its Customer Deposit Policy as approved by the Board, from time to time.
- (b) The Company may in its discretion require special guarantees from an Applicant or Customer whose location or load characteristics would require abnormal investment in facilities or who requires Service of a special nature.

5. SERVICE STANDARDS - METERED SERVICES:

- (a) Service shall normally be provided at one of the following nominal standard secondary voltages depending upon the requirements of the load to be served and the availability of a three-phase supply:

Single-phase, 3 wire, 120/240 volts
Three-phase, 4 wire, 120/208 volts wye
Three-phase, 4 wire, 347/600 volts wye

Service at any other supply voltage may be provided in special cases at the discretion of the Company.

- (b) Service to customers who are provided Domestic Service shall be supplied at single phase 120/240 volts or as part of a multiunit building, at single phase 120/208 volts. The Company may, if requested by the customer, provide three phase service if a contribution in aid of construction is paid to the Company in accordance with Regulation 9(c).
- (c) The Company shall not be required to provide services at 50 hertz except to those Serviced Premises receiving 50 hertz power continuously since May 13, 1977.
- (d) The Company shall determine the point at which power and energy is delivered from the Company's facilities to the Customer's electrical system.
- (e) Service entrances shall be in a location satisfactory to the Company and, except as otherwise approved by the Company, shall be wired for outdoor meters.
- (f) Where the Company has reason to believe that Service to a Customer has or will have load characteristics which may cause undue interference with Service to another Customer, the Customer shall upon written notice by the Company provide and install, at his expense and within a reasonable period of time, the equipment necessary to eliminate or prevent such interference.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (g) (i) Any Customer having a connected load or a normal operating demand of more than 25 kilowatts, in areas served by underground wiring or where space limitations or aesthetic reasons make it impractical to use a pole mounted transformer bank or pad transformer, shall, on request of the Company, provide at its expense a suitable vault or enclosure on the Serviced Premises for exclusive use by the Company for its equipment necessary to supply and maintain service to the Customer.
- (g) (ii) Where either the service requirements of a Customer or changes to a Customer's electrical system necessitate the installation of additional equipment to the Company's system which cannot be accommodated in the Company's existing vaults or structures, the Customer shall, on request of the Company, provide at the Customer's expense such additional space in its vault or enclosure as the Company shall require to accommodate the additional equipment.
- (h) The Customer shall not use a Service for across the line starting of motors rated over 10 horsepower, except where specifically approved by the Company.
- (i) For Services having rates based on kilowatt demand, the average power factor shall not be less than 90%. The Company, in its discretion, may make continuous tests of power factor or may test the Customer's power factor from time to time. If the Customer's power factor is lower than 90%, the Customer shall upon written notice by the Company provide, at his expense, power factor corrective equipment to ensure that a power factor of not less than 90% is maintained.
- (j) The Company shall provide transformation for Service up to 500 kVA where the required service voltage is one of the Company's standard service voltages and installation is in accordance with the Company's standards. In other circumstances, the Company, on such conditions as it deems acceptable, may provide the transformation.
- (k) All Customer wiring and installations shall be in compliance with all statutory and regulatory requirements including the Canadian Electrical Code, Part 1, and, where applicable, in accordance with the Company's specifications. However, the provision of Service shall not in any way be construed as acceptance by the Company of the Customer's electrical system.
- (l) The Customer shall provide such protective devices as may be necessary to protect his property and equipment from any disturbance beyond the reasonable control of the Company.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

6. SERVICE STANDARDS - STREET AND AREA LIGHTING SERVICE:

- (a) For Street and Area Lighting Service the Company shall use its best efforts to provide illumination during the hours of darkness for a total of approximately 4200 hours per year. The Company shall, subject to Regulation 9 (i) make all repairs necessary to maintain service.
- (b) The Company shall supply the energy required and shall provide and maintain the illuminating fixtures and lamps together with necessary overhead or underground conductors, control equipment and other devices.
- (c) The Company shall not be required to provide Street And Area Lighting Service where, in the opinion of the Company, the normal Service is unsuitable for the task or where the nature of the activities carried out in the area would likely result in damage to the poles, wiring or fixtures.
- (d) The Company shall provide a range of fixture sizes utilizing an efficient lighting source in accordance with current standards in the industry and shall consult with the Customer regarding the most appropriate use of such fixtures for any specific installation.
- (e) The location of fixtures for Street and Area Lighting Service shall be determined by the Company in consultation with the Customer. After poles and fixtures have been installed they shall not be relocated except at the expense of the Customer.
- (f) The Company does not guarantee that fixtures used for Street And Area Lighting Service will illuminate any specific area.
- (g) The Company shall not be required to provide additional Street And Area Lighting Service to a Customer where on at least two occasions in the preceding twelve months, his bill for such Service has been in arrears for more than 30 days.

7. METERING:

- (a) Service to each building shall be metered separately except as provided in Regulation 7(b).
- (b) Service to buildings and facilities on the same Served Premises which are occupied by the same Customer may, subject to Regulation 7(c), be metered together provided the Customer supplies and maintains all distribution facilities beyond the point of supply.
- (c) Except as provided in Regulation 7(d), Service to each new Domestic Unit shall be metered separately.
- (d) Where an existing Domestic Unit is subdivided into two or more new Domestic Units, Service to the new Domestic Units may, in the discretion of the Company, be metered together.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (e) Where four or more Domestic Units are metered together, the Basic Customer Charge shall be multiplied by the number of Domestic Units.
- (f) Where the Service to a Domestic Unit has a connected load for commercial or non-domestic purposes exceeding 3000 watts, exclusive of space heating, the Service shall not qualify for the Domestic Service Rate.
- (g) The Company shall not be required to provide more than one meter per Service, however submetering by the Customer for any purpose not inconsistent with these Regulations, is permitted.
- (h) Subject to Regulations 7(c) and 7(g) Service to different units of a building may, at the request of the Customer, be combined on one meter or be metered separately.
- (i) Maximum demand for billing purposes shall be determined by demand meter or, at the option of the Company, may be based on:
 - (i) 80% of the connected load, where the demand does not exceed 100 kW, or
 - (ii) the smallest size transformer(s) required to serve the load if it is intermittent in nature such as X-Ray, welding machines or motors that operate for periods of less than thirty minutes, or
 - (iii) the kilowatt-hour consumption divided by an appropriate number of hours use where demand is less than 10 kW.
- (j) When charges are based on maximum demand the metering shall normally be in kVA if the applicable rate is in kVA and in kW if the applicable rate is in kW.

If the demand is recorded on a kVA meter but the applicable rate is based on a kW demand, the recorded demand may be decreased by ten percent (10%) and the result shall be treated as the kW demand for billing purposes.

If the demand is recorded on a kW meter but the applicable rate is based on a kVA demand, the recorded demand may be increased by ten percent (10%) and the result shall be treated as the kVA demand for billing purposes.
- (k) The Customer shall ensure that meters and related equipment are visible and readily accessible to the Company's personnel and are suitably protected. Unless otherwise approved by the Company, meters shall be located outdoors and shall not subsequently be enclosed.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (l) If a meter is located indoors and Company employees are unable to obtain access to read the meter at the normal reading time for three consecutive months, the Customer shall upon written notice given by the Company, provide for the installation of an outdoor meter at his expense.
- (m) In the event that a dispute arises regarding the accuracy of a meter, and the Company is unable to resolve the matter with the Customer then either the Customer or the Company shall have the right to request an accuracy test in accordance with the requirements of the Electricity Inspection Act of Canada. Should the test indicate that the meter accuracy is not within the allowable limits, the Customer's bill shall be adjusted in accordance with the provisions of the said Act and all costs involved in the removal and testing of the meter shall be borne by the Company. Should the test confirm the accuracy of the meter, the costs involved shall be borne by the party requesting the test. The Company may require a Customer to deposit with the Company in advance of testing, an amount sufficient to cover the costs involved.
- (n) Metering shall normally be at secondary distribution voltage level but may at the option of the Company be at the primary distribution level. When metering is at the primary distribution voltage (4 - 25 kV) the monthly demand and energy consumption shall be reduced by 1.5%.

8. METER READING:

- (a) Where reasonably possible the Company shall read meters monthly provided that the Company may, at its discretion, read meters at some other interval and estimate the reading for the intervening month(s). Areas which consist primarily of cottages will have their meters read four times per year and the Company will estimate the readings for all other months.
- (b) If the Company is unable to obtain a meter reading due to circumstances beyond its reasonable control, the Company may estimate the reading.
- (c) If due to any cause a meter has not correctly recorded energy consumption or demand, then the probable consumption or demand shall be estimated in accordance with the best data available and used to determine the relevant charge.

9. CHARGES:

- (a) Every Customer shall pay the Company the charges approved by the Board from time to time for the Service(s) provided to the Customer or provided to the Serviced Premises at the Customer's request.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (b) Where a Customer requires Service for a period of less than three (3) years, the Customer shall pay the Company a "Temporary Connection Fee". The Temporary Connection Fee is calculated as the estimated labour cost of installing and removing lines and equipment necessary for the Service plus the estimated cost of non-salvageable material. The payment may be required in advance or, subject to credit approval, billed to the Customer.
- (c) Where special facilities are required or requested by the Customer or any facility is relocated at the request of the Customer, the Customer shall pay the Company the estimated additional cost of providing the special facilities and the estimated cost of the relocation less any betterment. The payment may be required in advance or, subject to credit approval, billed to the Customer.
- (d) The Customer shall pay the Company in advance or on such other terms approved by the Board from time to time any contribution in aid of construction as may be determined by the methods prescribed by the Board.
- (e) The Customer shall pay the Company the amount set forth in the rate for all poles required for Street and Area Lighting Service which are in addition to those installed by the Company for the distribution of electricity. This charge shall not apply to Company poles and communications poles used jointly for Street and Area Lighting Service and communications attachments.
- (f) Where a Service is Disconnected pursuant to Regulation 12(a), b(ii), (c) or (d) and the Customer subsequently requests that the service be reconnected, the Customer shall pay a reconnection fee.

Where a Service is Disconnected pursuant to Regulation 12(g) and an Applicant subsequently requests that the service be reconnected, the Applicant shall pay a reconnection fee. Applicants that pay the reconnection fee will not be required to pay the application fee.

The reconnection fee shall be \$20.00 where the reconnection is done during normal office hours or \$40.00 if it is done at other times.

- (g) Where a Service, other than a Street and Area Lighting Service, is Discontinued pursuant to Regulation 11(a), or Disconnected pursuant to Regulations 12(a), b(ii), (c) or (d) and the Customer subsequently requests that the Service be restored within 12 months, the Customer shall pay, in advance, the minimum monthly charges that would have been incurred over the period if the Service had not been Discontinued or Disconnected.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (h) (i) Where a Street and Area Lighting Service is Discontinued pursuant to Regulation 11 (a), (b) or (c), or 9 (i), or when a Customer requests removal of existing fixtures, poles, and/or underground wiring, the Customer shall pay at the time of removal an amount equal to the unrecovered capital cost, plus the cost of removal less any salvage value of only the poles and/or underground wiring to be Discontinued or removed.
- (ii) If a Customer requests the subsequent replacement of the fixture, either immediately or at any time within 12 months by another, whether or not of the same type or size, the Customer shall pay, in advance, an amount equal to the unrecovered capital cost of the fixture removed, plus the cost of removal, less any non-luminaire salvage, as well as the monthly charges that would have been incurred over the period if the Service had not been Discontinued.
- (iii) Where a Street and Area Lighting Service is Discontinued, any pole dedicated solely to the Street and Area Lighting Service may, at the Customer's request, remain in place for up to 24 months from the date of removal of the fixture, during which time the Customer shall continue to pay the prescribed monthly charge for the pole and underground wiring.
- (i) Where Street and Area Lighting fixtures or lamps are wantonly, wilfully, or negligently damaged or destroyed (other than through the negligence of the Company), the Company, at its option and after notifying the Customer by letter, shall remove the fixtures and the monthly charges for these fixtures will cease thirty days after the date of the letter. However, if the Customer contacts the Company within thirty days of the date on the letter and agrees to pay the repair costs in advance and all future repair costs, the Company will replace the fixture and rental charges will recommence. If any future repair costs are not paid within three months of the date invoiced, the Company, after further notifying the Customer by letter, may remove the fixtures. In all such cases the fixtures shall not be replaced unless the Customer pays to the Company in advance all amounts owing prior to removal plus the cost of removing the old fixtures and installing the new fixtures.
- (j) Where a Service other than Street and Area Lighting Service is not provided to the Customer for the full monthly billing period or where Street and Area Lighting Service is not provided for more than seven (7) days during the monthly billing period, the relevant charge to the Customer for the Service for that period may be prorated except where the failure to provide the Service is due to the Customer or to circumstances beyond the reasonable control of the Company.
- (k) Where a Customer's Service is at primary distribution or transmission voltage and the Customer provides his own transformation and all other facilities beyond the designated point of supply the monthly demand charge shall, subject to the minimum monthly charge, be reduced as follows:
- | | |
|------------------------------------|----------------|
| (i) for supply at 4 kV to 25 kV | \$0.40 per kVA |
| (ii) for supply at 33 kV to 138 kV | \$0.90 per kVA |

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (l) Where a Customer's monthly demand has been permanently reduced because of the installation of peak load controls, power factor correction, or by rendering sufficient equipment inoperable, by any means satisfactory to the Company, the monthly demands recorded prior to the effective date of such reduction may be adjusted when determining the Customer's demand for billing purposes thereafter. Should the Customer's demand increase above the adjusted demands in the following 12 months, the Customer will be billed for the charges that would have been incurred over the period if the demand had not been adjusted.
- (m) Charges may be based on estimated readings or costs where such estimates are authorized by these Regulations.
- (n) An application fee of \$8.00 will be charged for all requests for Customer name changes and connection of new Serviced Premises. Landlords will be exempted from the application fee for name changes at Service Premises for which a landlord agreement pursuant to Regulation 11(f) is in effect.

10. BILLING:

- (a) The Company shall bill the Customer monthly for charges for Service. However, when a Service is disconnected or a bill is revised the Company may issue an additional bill.
- (b) The charges for Street and Area Lighting Service may be included as a separate item on a bill for any other Service.
- (c) Bills are due and payable when issued. Payment shall be made at such place(s) as the Company may designate from time to time. Where a bill is not paid in full by the date that a subsequent bill is issued and the amount outstanding is \$50.00 or more, the Company may charge interest at a rate equal to the prime rate charged by chartered banks on the last day of the previous month plus five percent.
- (d) Where a Customer's cheque or automated payment is not honoured by their financial institution, a charge of \$16.00 may be applied to the Customer's bill.
- (e) Where a Customer is billed on the basis of an estimated charge an adjustment shall be made in a subsequent bill should such estimate prove to be inaccurate.
- (f) Where between normal meter reading dates, one Customer assumes from another Customer the responsibility for a metered Service, or a Service is Discontinued, the Company may base the billing on an estimate of the reading as of the date of change.
- (g) Where a Customer has been underbilled due to an error on the part of the Company or due to an act or omission by a third party, the Customer may, at the discretion of the Company, be relieved of the responsibility for all or any part of the amount of the underbilling.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

11. DISCONTINUANCE OF SERVICE:

- (a) A Service may be Discontinued by the Customer at any time upon prior notice to the Company provided that the Company may require 10 days prior notice in writing.
- (b) A Service may be Discontinued by the Company upon 10 days prior notice in writing to the Customer if the Customer:
 - (i) provided false or misleading information on the application for the Service.
 - (ii) fails to provide security or guarantee for the Service required under Regulation 4.
- (c) A Service may be Discontinued by the Company without notice if the Service was Disconnected pursuant to Regulation 12, and has remained Disconnected for over 30 consecutive days.
- (d) When the Company accepts an application for Service, any prior contract for the same Service shall be Discontinued except where an agreement for that service is signed by a landlord under Regulation 11(f).
- (e) Where a Service has been Discontinued, the Service may, at the option of the Company and subject to Regulation 12(a), remain connected.
- (f) A landlord may sign an agreement with the Company to accept charges for Service provided to a rental premise for all periods when the Company does not have a contract for Service with a tenant for that premise.

12. DISCONNECTION OF SERVICE:

- (a) The Company shall Disconnect a Service within 10 days of receipt of a written request from the Customer.
- (b) The Company may Disconnect a Service without notice to the Customer:
 - (i) where the Service has been Discontinued,
 - (ii) on account of or to prevent fraud or abuse,
 - (iii) where in the opinion of the Company the Customer's electrical system is defective and represents a danger to life or property,
 - (iv) where the Customer's electrical system has been modified without compliance with the Electrical Regulations,
 - (v) where the Customer has a building or structure under the Company's wires which is within the minimum clearances recommended by the Canadian Standards Association, or
 - (vi) when ordered to do so by any authority having the legal right to issue such order.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

- (c) The Company may, in accordance with its Collection Policies filed with the Board, Disconnect a Service upon prior notice to the Customer if the Customer has a bill for any Service which is not paid in full 30 days or more after issuance.
- (d) The Company may Disconnect a Service upon 10 days prior notice to the Customer if the Customer is in violation of any provision of these Regulations.
- (e) The Company may refuse to reconnect a Service if the Customer is in violation of any provisions of these Regulations or if the Customer has a bill for any Service which is unpaid.
- (f) The Company may Disconnect a Service to make repairs or alterations. Where reasonable and practical the Company shall give prior notice to the Customer.
- (g) The Company may Disconnect the Service to a rental premises where the landlord has an agreement with the Company authorizing the Company to Disconnect the Service for periods when the Company does not have a contract for Service with a tenant of that premises.

13. PROPERTY RIGHTS:

- (a) The Customer shall provide the Company with space and cleared rights-of-way on private property for the line(s) and facilities required to serve the Customer.
- (b) The Company shall have the right to install, remove or replace such of its property as it deems necessary.
- (c) The Customer shall provide the Company with access to the Serviced Premises at all reasonable hours for purposes of reading a meter or installing, replacing, removing or testing its equipment, and measuring or checking the connected load.
- (d) All equipment and facilities provided by the Company shall remain the property of the Company unless otherwise agreed in writing.
- (e) The Customer shall not unreasonably interfere with the Company's access to its property.
- (f) The Customer shall not attach wire, cables, clotheslines or any other fixtures to the Company's poles or other property except by prior written permission of the Company.
- (g) The Customer shall allow the Company to trim all trees in close proximity to service lines in order to maintain such lines in a safe manner.
- (h) The Customer shall not erect any buildings or obstructions on any of the Company's easement lands or alter the grade of such easements by more than 20 centimetres, without the prior approval of the Company.

NEWFOUNDLAND POWER INC.

RULES AND REGULATIONS

14. COMPANY LIABILITY:

The Company shall not be liable for any failure to supply Service for any cause beyond its reasonable control, nor shall it be liable for any loss, damage or injury caused by the use of Services or resulting from any cause beyond the reasonable control of the Company.

15. GENERAL:

- (a) No employee, representative or agent of the Company has the authority to make any promise, agreement or representation, whether verbal or otherwise, which is inconsistent with these Regulations and no such promise, agreement or representation shall be binding on the Company.
- (b) Any notice under these Regulations will be considered to have been given to the Customer on the date it is received by the Customer or three days following the date it was delivered or mailed by the Company to the Customer's last known address, whichever is sooner.

NEWFOUNDLAND POWER INC.

RATE STABILIZATION CLAUSE

The Company shall include a rate stabilization adjustment in its rates. This adjustment shall reflect the accumulated balance in the Company's Rate Stabilization Account ("RSA") and any change in the rates charged to the Company by Newfoundland and Labrador Hydro ("Hydro") as a result of the operation of its Rate Stabilization Plan ("RSP") and CDM Cost Recovery Adjustment (collectively, "Hydro's Rate Adjustments").

I. RATE STABILIZATION ADJUSTMENT ("A")

The Rate Stabilization Adjustment ("A") shall be calculated as the total of the Recovery Adjustment Factor and the Fuel Rider Adjustment.

The Recovery Adjustment Factor shall be recalculated annually, effective the first day of July in each year, to amortize over the following twelve (12) month period the annual plan recovery amount designated to be billed by Hydro to the Company, and the balance in the Company's RSA.

The Recovery Adjustment Factor expressed in cents per kilowatt-hour and calculated to the nearest 0.001 cent shall be calculated as follows:

$$\frac{B1 + B2 + C}{D}$$

Where:

- B1 = the annual plan recovery amount designated to be billed by Hydro during the next twelve (12) months commencing July 1 as a result of the operation of Hydro's RSP.
- B2 = the annual plan recovery amount designated to be billed by Hydro during the next twelve (12) months commencing July 1 as a result of the operation of Hydro's CDM Cost Recovery Adjustment.
- C = the balance in the Company's RSA as of March 31st of the current year.
- D = the total kilowatt-hours sold by the Company for the 12 months ending March 31st of the current year.

The Fuel Rider Adjustment shall be recalculated annually, effective the first day of July in each year, to reflect changes in the RSP fuel rider applicable to Newfoundland Power. The Fuel Rider Adjustment expressed in cents per kilowatt-hour and calculated to the nearest 0.001 cent shall be calculated as follows:

$$\frac{E \times F}{D}$$

NEWFOUNDLAND POWER INC.

RATE STABILIZATION CLAUSE

I. RATE STABILIZATION ADJUSTMENT ("A") (Cont'd)

Where:

- D = corresponds to the D above.
- E = the total kilowatt-hours of energy (including secondary energy) sold to the Company by Hydro during the 12 months ending March 31 of the current year.
- F = the fuel rider designated to be charged to Newfoundland Power through Hydro's RSP.

The Rate Stabilization Adjustment ("A") shall be recalculated and be applied as of the effective date of a new wholesale mill rate by Hydro, by resetting the Fuel Rider Adjustment included in the Rate Stabilization Adjustment to zero.

II. RATE STABILIZATION ACCOUNT ("RSA")

The Company shall maintain a RSA which shall be increased or reduced by the following amounts expressed in dollars:

1. At the end of each month the RSA shall be:
 - (i) increased (reduced) by the amount actually charged (credited) to the Company by Hydro during the month as the result of Hydro's Rate Adjustments.
 - (ii) increased (reduced) by the excess cost of fuel used by the Company during the month calculated as follows:

$$(G/H - P) \times H$$

Where:

- G = the cost in dollars of fuel and additives used during the month in the Company's thermal plants to generate electricity other than that generated at the request of Hydro.
- H = the net kilowatt-hours generated in the month in the Company's thermal plants other than electricity generated at the request of Hydro.

NEWFOUNDLAND POWER INC.

RATE STABILIZATION CLAUSE

II. RATE STABILIZATION ACCOUNT ("RSA") (Cont'd)

Where:

P = the 2nd block base rate in dollars per kilowatt-hour paid during the month by the Company to Hydro for firm energy.

(iii) reduced by the price differential of firmed-up secondary energy calculated as follows:

$$(P - J) \times K$$

Where:

J = the price in dollars per kilowatt-hour paid by the Company to Hydro during the month for secondary energy supplied by Deer Lake Power and delivered as firm energy to the Company.

K = the kilowatt-hours of such secondary energy supplied to the Company during the month.

P = corresponds to P above.

(iv) reduced (increased) by the amount billed by the Company during the month as the result of the operation of the Rate Stabilization Clause calculated as follows:

$$\frac{L \times A}{100}$$

Where:

L = the total kilowatt-hours sold by the Company during the month.

A = the Rate Stabilization Adjustment in effect during the month expressed in cents per kilowatt-hour.

(v) increased (reduced) by an interest charge (credit) on the balance in the RSA at the beginning of the month, at a monthly rate equivalent to the mid-point of the Company's allowed rate of return on rate base.

2. On the 31st of December in each year, the RSA shall be increased (reduced) by the amount that the Company billed customers under the Municipal Tax Clause for the calendar year is less (or greater) than the amount of municipal taxes paid for that year.

NEWFOUNDLAND POWER INC.
RATE STABILIZATION CLAUSE

II. RATE STABILIZATION ACCOUNT ("RSA") (Cont'd)

3. The annual kilowatt-hours used in calculating the Rate Stabilization Adjustment to the monthly street lighting rates are as follows:

| | Fixture Size (watts) | | | |
|----------------------|----------------------|----------------|----------------|----------------|
| | <u>100</u> | <u>150</u> | <u>250</u> | <u>400</u> |
| High Pressure Sodium | 454 | 714 | 1,260 | 1,953 |
| | Fixture Type | | | |
| | <u>LED 100</u> | <u>LED 150</u> | <u>LED 250</u> | <u>LED 400</u> |
| Light Emitting Diode | 218 | 336 | 475 | 664 |

4. On December 31, 2019, the RSA shall be reduced (increased) by the amount that the increase in the Company's revenue for the year resulting from the change in base rates attributable to the flow through of Hydro's wholesale rate change, effective October 1, 2019, is greater (or less) than the amount of the increase in the Company's purchased power expense for the year resulting from the change in the base rate charged by Hydro effective October 1, 2019.

The methodology to calculate the RSA adjustment at December 31, 2019 is as follows:

| | |
|---------------------------------------|-------------|
| Calculation of increase in Revenue: | |
| 2019 Revenue with Flow-through (Q) | \$ - |
| 2019 Revenue without Flow-through (R) | <u>\$ -</u> |
| Increase in Revenue (S = Q – R) | \$ - |

| | |
|---|-------------|
| Calculation of increase in Purchased Power Expense: | |
| 2019 Purchased Power Expense with Hydro Increase (T) | \$ - |
| 2019 Purchased Power Expense without Hydro Increase (U) | <u>\$ -</u> |
| Increase in Purchased Power Expense (V = T – U) | \$ - |

| | |
|--|------|
| Adjustment to Rate Stabilization Account (W = S – V) | \$ - |
|--|------|

Where:

- Q = Normalized revenue from base rates effective October 1, 2019.
- R = Normalized revenue from base rates determined based on rates effective March 1, 2019.
- T = Normalized purchased power expense from Hydro's wholesale rate effective October 1, 2019 (not including Hydro's Rate Adjustments).
- U = Normalized purchased power expense determined based on Hydro's wholesale rate effective July 1, 2018 (not including Hydro's Rate Adjustments).

NEWFOUNDLAND POWER INC.

RATE STABILIZATION CLAUSE

II. RATE STABILIZATION ACCOUNT ("RSA") (Cont'd)

5. On December 31st of each year from 2008 until further order of the Board, the Rate Stabilization Account (RSA) shall be increased (reduced) by the Energy Supply Cost Variance.

This Energy Supply Cost Variance identifies the change in purchased power cost that is related to the difference between purchasing energy at the 2nd block energy charge in the wholesale rate and the test year energy supply cost reflected in customer rates.

The Energy Supply Cost Variance expressed in dollars shall be calculated as follows:

$$\frac{(A - B) \times (C - D)}{100}$$

Where:

- A = the wholesale rate 2nd block charge per kWh.
- B = the test year energy supply cost per kWh determined by applying the wholesale energy rate to the test year energy purchases and expressed in ¢ per kWh.
- C = the weather normalized annual purchases in kWh.
- D = the test year annual purchases in kWh.
6. The RSA shall be adjusted by any other amount as ordered by the Board.
7. On March 31st of each year, the Rate Stabilization Account shall be increased on a before tax basis, by the CDM Cost Recovery Transfer.

The CDM Cost Recovery Transfer, expressed in dollars, will be calculated to provide for the recovery of costs charged annually to the Conservation and Demand Management Cost Deferral Account (the "CDM Cost Deferral"), commencing in the year following the year in which the CDM Cost Deferral is charged to the CDM Cost Deferral Account. Beginning January 1, 2021, all historical balances and annual charges to the CDM Cost Deferral will be recovered over 10 years.

The CDM Cost Deferral Account will identify the year in which each CDM Cost Deferral was incurred.

The CDM Cost Recovery Transfer for each year will be the sum of individual amounts representing 1/10th of each CDM Cost Deferral, beginning January 1, 2021, which individual amounts shall be included in the CDM Cost Recovery Transfer for 10 years following the year in which the CDM Cost Deferral was recorded.

NEWFOUNDLAND POWER INC.

RATE STABILIZATION CLAUSE

II. RATE STABILIZATION ACCOUNT ("RSA") (Cont'd)

8. On March 31st of each year, beginning in 2013, the Rate Stabilization Account shall be increased (reduced), on a before tax basis, by the balance in the Weather Normalization Reserve accrued in the previous year.

9. On March 31st of each year, beginning in 2022, the Rate Stabilization Account shall be increased on a before tax basis, by the Electrification Cost Recovery Transfer.

The Electrification Cost Recover Transfer, expressed in dollars, will be calculated to provide for the recovery of costs charged annually to the Electrification Cost Deferral Account over a 10-year period, commencing in the year following the year in which the Electrification Cost Deferral is charged to the Electrification Cost Deferral Account.

The Electrification Cost Deferral Account will identify the year in which each Electrification Cost Deferral was incurred.

The Electrification Cost Recovery Transfer for each year will be the sum of individual amounts representing 1/10th of each Electrification Cost Deferral, which individual amounts shall be included in the Electrification Cost Recovery Transfer for 10 years following the year in which the Electrification Cost Deferral was recorded.

III. RATE CHANGES

The energy charges in each rate classification shall be adjusted as required to reflect the changes in the Rate Stabilization Adjustment. The new energy charges shall be determined by subtracting the previous Rate Stabilization Adjustment from the previous energy charges and adding the new Rate Stabilization Adjustment. The new energy charges shall apply to all bills based on consumption on and after the effective date of the adjustment.

NEWFOUNDLAND POWER INC.

MUNICIPAL TAX CLAUSE

I. MUNICIPAL TAX ADJUSTMENT ("MTA")

The Company shall include a MTA in its rates to reflect taxes charged to the Company by municipalities.

A MTA factor shall be calculated annually, effective the first day of July in each year, to collect over the following twelve (12) month period, an amount to cover municipal taxes. The MTA factor rounded to the nearest fifth decimal shall be calculated as follows:

$$\frac{X}{Y} + 1.00000$$

Where:

X = the amount of all municipal taxes paid by the Company in the previous calendar year.

Y = the amount of revenue earned by the Company in the previous calendar year less the amount collected by the Company under the Municipal Tax Clause in that year.

The MTA factor shall apply to all charges in all rate descriptions. These charges shall be adjusted annually effective the first day of July in each year to reflect changes in the MTA factor. The new charges rounded to the nearest significant number expressed in the rate descriptions shall be determined by multiplying each charge by the MTA factor. The new charges shall apply to all bills based on consumption on and after the first day of July.

The MTA factor shall be applied after application of the Rate Stabilization Adjustment.

Newfoundland Power Inc.

Operating Costs by Function
2019 to 2023F
(\$000s)

| Function | Actual 2019 | Actual 2020 | Forecast 2021 | Forecast 2022 | Forecast 2023 ¹ |
|--|----------------|----------------|------------------|------------------|-------------------------------|
| 1 Distribution | 10,236 | 10,945 | 9,227 | 9,487 | 9,741 |
| 2 Transmission | 712 | 919 | 957 | 978 | 999 |
| 3 Substations | 2,361 | 2,258 | 2,356 | 2,422 | 2,487 |
| 4 Power Produced | 3,940 | 3,797 | 3,930 | 4,027 | 4,122 |
| 5 Administrative & Engineering Support | 7,972 | 7,934 | 8,204 | 8,433 | 8,657 |
| 6 Telecommunications | 1,286 | 1,299 | 1,350 | 1,374 | 1,397 |
| 7 Environment | 287 | 273 | 282 | 289 | 296 |
| 8 Fleet Operations & Maintenance | 1,679 | 1,719 | 1,666 | 1,695 | 1,723 |
| 9 | | | | | |
| 10 Electricity Supply | 28,473 | 29,144 | 27,972 | 28,705 | 29,422 |
| 11 | | | | | |
| 12 Customer Service | 7,726 | 7,468 | 7,875 | 8,038 | 8,103 |
| 13 Conservation | 728 | 679 | 782 | 886 | 946 |
| 14 Uncollectible Bills | 1,980 | 2,290 | 2,135 | 2,172 | 2,208 |
| 15 | | | | | |
| 16 Customer Services | 10,434 | 10,437 | 10,792 | 11,096 | 11,257 |
| 17 | | | | | |
| 18 Information Systems | 5,402 | 5,855 | 6,051 | 6,407 | 7,311 |
| 19 Financial Services | 1,787 | 1,806 | 1,886 | 1,942 | 1,997 |
| 20 Corporate & Employee Services | 14,233 | 14,504 | 15,529 | 16,026 | 15,940 |
| 21 Insurances | 1,397 | 1,698 | 2,079 | 2,306 | 2,345 |
| 22 | | | | | |
| 23 General | 22,819 | 23,863 | 25,545 | 26,681 | 27,593 |
| 24 | | | | | |
| 25 Gross Operating Cost | 61,726 | 63,444 | 64,309 | 66,482 | 68,272 |

¹ For comparison purposes, 2023 forecast gross operating costs exclude changes resulting from the *Review of General Expenses Capitalized*.

Newfoundland Power Inc.

Operating Costs by Breakdown
2019 to 2023F
(\$000s)

| Breakdown | Actual 2019 | Actual 2020 | Forecast 2021 | Forecast 2022 | Forecast 2023 ¹ |
|---------------------------------------|----------------|----------------|------------------|------------------|-------------------------------|
| 1 Regular and Standby | 30,068 | 31,483 | 30,703 | 31,651 | 32,607 |
| 2 Temporary | 2,151 | 1,625 | 1,990 | 2,050 | 2,108 |
| 3 Overtime | 3,022 | 3,425 | 3,204 | 3,300 | 3,394 |
| 4 Total Labour | 35,241 | 36,533 | 35,897 | 37,001 | 38,109 |
| 5 | | | | | |
| 6 Vehicle Expenses | 1,681 | 1,725 | 1,673 | 1,702 | 1,730 |
| 7 Operating Materials | 1,359 | 1,300 | 1,244 | 1,266 | 1,287 |
| 8 Inter-Company Charges | 27 | 26 | 27 | 27 | 28 |
| 9 Plants, Subs, System Oper & Bldgs | 3,267 | 3,484 | 3,376 | 3,434 | 3,492 |
| 10 Travel | 1,089 | 633 | 861 | 876 | 891 |
| 11 Tools and Clothing Allowance | 1,289 | 1,156 | 1,223 | 1,244 | 1,265 |
| 12 Miscellaneous | 1,450 | 1,633 | 1,542 | 1,568 | 1,595 |
| 13 Taxes and Assessments | 1,156 | 1,116 | 1,142 | 1,162 | 1,181 |
| 14 Uncollectible Bills | 1,980 | 2,290 | 2,135 | 2,172 | 2,208 |
| 15 Insurance | 1,397 | 1,698 | 2,079 | 2,306 | 2,345 |
| 16 Severance & Other Employee Costs | 132 | 126 | 129 | 131 | 133 |
| 17 Education, Training, Employee Fees | 418 | 267 | 343 | 348 | 354 |
| 18 Trustee and Directors' Fees | 518 | 673 | 689 | 701 | 712 |
| 19 Other Company Fees | 2,428 | 2,131 | 2,610 | 2,868 | 2,574 |
| 20 Stationery & Copying | 257 | 246 | 252 | 256 | 260 |
| 21 Equipment Rental/Maintenance | 790 | 656 | 770 | 832 | 897 |
| 22 Telecommunications | 1,473 | 1,473 | 1,535 | 1,562 | 1,588 |
| 23 Postage | 1,329 | 1,313 | 1,283 | 1,244 | 1,202 |
| 24 Advertising | 573 | 460 | 517 | 525 | 534 |
| 25 Vegetation Management | 2,042 | 2,306 | 2,359 | 2,401 | 2,441 |
| 26 Computing Equipment & Software | 1,830 | 2,199 | 2,623 | 2,856 | 3,446 |
| 27 Total Other | 26,485 | 26,911 | 28,412 | 29,481 | 30,163 |
| 28 | | | | | |
| 29 Gross Operating Cost | 61,726 | 63,444 | 64,309 | 66,482 | 68,272 |

¹ For comparison purposes, 2023 forecast gross operating costs exclude changes resulting from the *Review of General Expenses Capitalized*.

Newfoundland Power Inc.
Comparative Financial Forecasts
2022 - 2023
Statements of Income
(\$000s)

| | 2022 | | 2023 | |
|--|----------|----------|----------|----------|
| | Existing | Proposed | Existing | Proposed |
| 1 Revenue from rates | 711,562 | 704,861 | 708,398 | 699,245 |
| 2 Transfers from (to) the RSA | (17,328) | (1,007) | (22,035) | 4,581 |
| 3 | 694,234 | 703,854 | 686,363 | 703,826 |
| 4 | | | | |
| 5 Purchased power expense | 465,610 | 464,811 | 461,686 | 459,924 |
| 6 Demand management incentive account adjustments | (1,811) | - | (2,079) | - |
| 7 | 463,799 | 464,811 | 459,607 | 459,924 |
| 8 | | | | |
| 9 Contribution | 230,435 | 239,043 | 226,756 | 243,902 |
| 10 | | | | |
| 11 Other revenue ¹ | 4,746 | 5,929 | 4,679 | 6,473 |
| 12 | | | | |
| 13 Other expenses: | | | | |
| 14 Operating expenses ² | 67,347 | 64,996 | 69,736 | 70,725 |
| 15 Employee future benefit costs ³ | 8,745 | 8,745 | 6,159 | 2,771 |
| 16 Deferred cost recoveries and amortizations | - | (659) | - | (816) |
| 17 Depreciation ⁴ | 70,424 | 70,932 | 74,745 | 74,458 |
| 18 Finance charges ⁵ | 34,605 | 34,678 | 32,935 | 33,091 |
| 19 | 181,121 | 178,692 | 183,575 | 180,229 |
| 20 | | | | |
| 21 Income before income taxes | 54,060 | 66,280 | 47,860 | 70,146 |
| 22 Income taxes ⁶ | 15,384 | 19,047 | 13,294 | 20,944 |
| 23 | | | | |
| 24 Earnings applicable to common shares ⁶ | 38,676 | 47,233 | 34,566 | 49,202 |
| 25 | | | | |
| 26 Rate of Return and Credit Metrics | | | | |
| 27 Rate of Return on Rate Base (%) | 5.90 | 6.61 | 5.23 | 6.39 |
| 28 Regulated Return on Book Equity (%) | 7.16 | 8.50 | 6.34 | 8.50 |
| 29 Interest Coverage (times) | 2.2 | 2.5 | 2.0 | 2.6 |
| 30 CFO Pre-W/C + Interest / Interest (times) | 4.7 | 4.4 | 5.0 | 4.7 |
| 31 CFO Pre-W/C / Debt (%) | 18.7 | 17.1 | 19.2 | 17.6 |

¹ Shown after reclassification for other contract costs and equity portion of AFUDC. Other revenue for proposed excludes interest on RSA.

² Shown after adjustment for non-regulated expenses and reclassification of other contract costs and current portion of employee future benefit costs.

³ Shown after reclassification of current portion of employee future benefit costs.

⁴ Shown after reclassification of tax on cost of removal.

⁵ Shown after reclassification of equity portion of AFUDC.

⁶ Shown after adjustment for non-regulated expenses and reclassification of tax on cost of removal.

Newfoundland Power Inc.
Comparative Financial Forecasts
2022 - 2023
Statements of Retained Earnings
(\$000s)

| | 2022 | | 2023 | |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|
| | <u>Existing</u> | <u>Proposed</u> | <u>Existing</u> | <u>Proposed</u> |
| 1 Balance - Beginning | 465,487 | 465,488 | 473,541 | 504,786 |
| 2 Net income for the period | 36,327 | 44,866 | 32,073 | 46,690 |
| 3 Allocation of Part VI.1 tax | 624 | 624 | 624 | 624 |
| 4 | <u>502,438</u> | <u>510,978</u> | <u>506,238</u> | <u>552,100</u> |
| 5 | | | | |
| 6 Dividends | | | | |
| 7 Common shares | <u>28,897</u> | <u>6,192</u> | <u>29,310</u> | <u>40,352</u> |
| 8 | | | | |
| 9 Balance - End of Period | <u>473,541</u> | <u>504,786</u> | <u>476,928</u> | <u>511,748</u> |

Newfoundland Power Inc.

Comparative Financial Forecasts
2022 - 2023
Balance Sheets
(S000s)

| | 2022 | | 2023 | |
|--|------------------|------------------|------------------|------------------|
| | Existing | Proposed | Existing | Proposed |
| 1 Assets | | | | |
| 2 Current Assets | | | | |
| 3 Accounts receivable | 85,681 | 84,550 | 79,999 | 78,005 |
| 4 Materials and supplies | 1,775 | 1,775 | 1,805 | 1,805 |
| 5 Prepaid expenses | 2,625 | 2,625 | 2,669 | 2,669 |
| 6 Regulatory assets | (18,943) | 6,202 | (19,449) | 6,755 |
| 7 | <u>71,138</u> | <u>95,152</u> | <u>65,024</u> | <u>89,234</u> |
| 8 | | | | |
| 9 Property, plant and equipment | 1,326,460 | 1,325,705 | 1,381,735 | 1,381,422 |
| 10 Intangible assets | 57,193 | 57,211 | 61,893 | 62,743 |
| 11 Regulatory assets | 305,866 | 326,201 | 301,790 | 324,856 |
| 12 Defined benefit pension plans | 42,344 | 42,344 | 51,258 | 51,258 |
| 13 Other assets | <u>2,201</u> | <u>2,201</u> | <u>2,225</u> | <u>2,225</u> |
| 14 | <u>1,805,202</u> | <u>1,848,814</u> | <u>1,863,925</u> | <u>1,911,738</u> |
| 15 | | | | |
| 16 | | | | |
| 17 Liabilities and shareholder's equity | | | | |
| 18 Current Liabilities | | | | |
| 19 Accounts payable and accrued charges | 85,886 | 85,341 | 92,024 | 92,080 |
| 20 Interest payable | 7,153 | 7,153 | 7,070 | 7,070 |
| 21 Defined benefit pension plans | 227 | 227 | 221 | 221 |
| 22 Other post employment benefits | 3,922 | 3,922 | 4,174 | 4,174 |
| 23 Current instalments of long-term debt | <u>7,550</u> | <u>7,550</u> | <u>7,550</u> | <u>7,550</u> |
| 24 | <u>104,738</u> | <u>104,193</u> | <u>111,039</u> | <u>111,095</u> |
| 25 | | | | |
| 26 Regulatory liabilities | 199,987 | 202,852 | 213,169 | 218,700 |
| 27 Defined benefit pension plans | 5,402 | 5,402 | 5,544 | 5,544 |
| 28 Other post employment benefits | 94,508 | 94,508 | 96,307 | 96,307 |
| 29 Other liabilities | 1,212 | 1,212 | 1,212 | 1,212 |
| 30 Deferred income taxes | 176,163 | 175,899 | 184,812 | 185,148 |
| 31 Long-term debt | <u>679,330</u> | <u>689,641</u> | <u>704,593</u> | <u>711,663</u> |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |
| 35 Shareholder's equity | | | | |
| 36 Common shares | 70,321 | 70,321 | 70,321 | 70,321 |
| 37 Retained earnings | <u>473,541</u> | <u>504,786</u> | <u>476,928</u> | <u>511,748</u> |
| 38 | <u>543,862</u> | <u>575,107</u> | <u>547,249</u> | <u>582,069</u> |
| 39 | <u>1,805,202</u> | <u>1,848,814</u> | <u>1,863,925</u> | <u>1,911,738</u> |

Newfoundland Power Inc.

Comparative Financial Forecasts
2022 - 2023
Statements of Cash Flows
(\$000s)

| | 2022 | | 2023 | |
|--|------------------|------------------|------------------|------------------|
| | <u>Existing</u> | <u>Proposed</u> | <u>Existing</u> | <u>Proposed</u> |
| 1 Operating Activities | | | | |
| 2 Net Earnings | 36,327 | 44,866 | 32,073 | 46,690 |
| 3 | | | | |
| 4 Items Not Affecting Cash: | | | | |
| 5 Depreciation of property, plant and equipment | 72,771 | 74,084 | 75,591 | 76,877 |
| 6 Amortization of intangible assets and other | 4,565 | 4,566 | 6,337 | 5,601 |
| 7 Change in long-term regulatory assets and liabilities | 20,419 | 1,701 | 22,740 | (3,207) |
| 8 Deferred income taxes | 224 | (443) | 8,649 | 9,249 |
| 9 Employee future benefits | (3,772) | (3,772) | (6,695) | (6,695) |
| 10 Other | (250) | (250) | (709) | (710) |
| 11 | <u>130,284</u> | <u>120,752</u> | <u>137,986</u> | <u>127,805</u> |
| 12 | | | | |
| 13 Change in working capital | <u>(2,381)</u> | <u>(28,978)</u> | <u>(6,717)</u> | <u>17,389</u> |
| 14 | <u>127,903</u> | <u>91,774</u> | <u>131,269</u> | <u>145,194</u> |
| 15 | | | | |
| 16 Investing Activities | | | | |
| 17 Capital expenditures | (97,650) | (96,102) | (118,691) | (118,239) |
| 18 Intangible asset expenditures | (20,670) | (20,689) | (10,854) | (10,950) |
| 19 Contribution from customers and security deposits | 2,500 | 2,500 | 2,500 | 2,500 |
| 20 Other | (7) | (7) | (6) | (6) |
| 21 | <u>(115,827)</u> | <u>(114,298)</u> | <u>(127,051)</u> | <u>(126,695)</u> |
| 22 | | | | |
| 23 Financing Activities | | | | |
| 24 Net (repayment) proceeds of committed credit facility | (21,829) | (9,934) | 32,642 | 29,403 |
| 25 Proceeds from long-term debt | 75,000 | 75,000 | - | - |
| 26 Repayment of long-term debt | (35,950) | (35,950) | (7,550) | (7,550) |
| 27 Payment of debt financing costs | (400) | (400) | - | - |
| 28 Dividends | | | | |
| 29 Common shares | (28,897) | (6,192) | (29,310) | (40,352) |
| 30 | <u>(12,076)</u> | <u>22,524</u> | <u>(4,218)</u> | <u>(18,499)</u> |
| 31 | | | | |
| 32 Change in Cash | - | - | - | - |
| 33 Cash, Beginning of Year | - | - | - | - |
| 34 Cash, End of Year | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |

Newfoundland Power Inc.

Comparative Financial Forecasts

2022 - 2023

Average Rate Base¹

(\$000s)

| | 2022 | | 2023 | |
|--|------------------|------------------|------------------|------------------|
| | Existing | Proposed | Existing | Proposed |
| 1 Plant Investment | 1,209,201 | 1,208,182 | 1,261,498 | 1,259,423 |
| 2 | | | | |
| 3 Additions to Rate Base | | | | |
| 4 Defined Benefit Pension Costs | 91,526 | 91,526 | 98,201 | 98,201 |
| 5 Deferred Credit Facility Costs | 24 | 16 | 10 | - |
| 6 Cost Recovery Deferral - Hearing Costs | - | - | - | - |
| 7 Cost Recovery Deferral - Conservation | 17,841 | 20,530 | 18,343 | 22,536 |
| 8 Cost Recovery Deferral - Electrification | 935 | - | 935 | - |
| 9 Cost Recovery Deferral - 2022 Revenue Shortfall | - | 230 | - | 345 |
| 10 Cost Recovery Deferral - Pension Capitalization | - | - | - | 400 |
| 11 Demand Management Incentive Account | 1,268 | 634 | 1,361 | - |
| 12 Customer Finance Programs | 2,166 | 2,166 | 2,202 | 2,202 |
| 13 | <u>113,760</u> | <u>115,102</u> | <u>121,052</u> | <u>123,684</u> |
| 14 | | | | |
| 15 Deductions from Rate Base | | | | |
| 16 Other Post Employment Benefits | 74,950 | 74,950 | 80,572 | 80,572 |
| 17 Customer Security Deposits | 1,212 | 1,212 | 1,212 | 1,212 |
| 18 Accrued Pension Obligation | 5,430 | 5,430 | 5,578 | 5,578 |
| 19 Accumulated Deferred Income Taxes | 15,997 | 15,892 | 23,784 | 23,912 |
| 20 Weather Normalization Account | 1,958 | 1,958 | - | - |
| 21 | <u>99,547</u> | <u>99,442</u> | <u>111,146</u> | <u>111,274</u> |
| 22 | | | | |
| 23 Average Rate Base Before Allowances | 1,223,414 | 1,223,842 | 1,271,404 | 1,271,833 |
| 24 | | | | |
| 25 Cash Working Capital Allowance | 10,326 | 6,487 | 10,096 | 6,712 |
| 26 | | | | |
| 27 Materials and Supplies Allowance | 8,218 | 8,756 | 8,358 | 8,905 |
| 28 | | | | |
| 29 Average Rate Base at Year End | <u>1,241,958</u> | <u>1,239,085</u> | <u>1,289,858</u> | <u>1,287,450</u> |

¹ All amounts shown are averages.

Newfoundland Power Inc.

Comparative Financial Forecasts
2022 - 2023
Weighted Average Cost of Capital
(\$000s)

| | 2022 | | 2023 | |
|--|------------------|------------------|------------------|------------------|
| | Existing | Proposed | Existing | Proposed |
| 1 Average Capitalization | | | | |
| 2 Debt | 678,353 | 682,716 | 699,501 | 708,191 |
| 3 Common Equity | 539,835 | 555,458 | 545,556 | 578,588 |
| 4 | <u>1,218,188</u> | <u>1,238,174</u> | <u>1,245,057</u> | <u>1,286,779</u> |
| 5 | | | | |
| 6 Average Capital Structure (%) | | | | |
| 7 Debt | 55.69 | 55.14 | 56.18 | 55.04 |
| 8 Common Equity | 44.31 | 44.86 | 43.82 | 44.96 |
| 9 | <u>100.00</u> | <u>100.00</u> | <u>100.00</u> | <u>100.00</u> |
| 10 | | | | |
| 11 Cost of Capital (%) | | | | |
| 12 Debt | 5.10 | 5.08 | 4.71 | 4.67 |
| 13 Common Equity | 7.16 | 8.50 | 6.34 | 8.50 |
| 14 | | | | |
| 15 | | | | |
| 16 Weighted Average Cost of Capital (%) | | | | |
| 17 Debt | 2.84 | 2.80 | 2.64 | 2.57 |
| 18 Common Equity | 3.17 | 3.81 | 2.78 | 3.82 |
| 19 | <u>6.01</u> | <u>6.61</u> | <u>5.42</u> | <u>6.39</u> |

Newfoundland Power Inc.

Comparative Financial Forecasts

2022 - 2023

Rate of Return on Rate Base

(\$000s)

| | | 2022 | | 2023 | |
|----|-------------------------------------|------------------|------------------|------------------|------------------|
| | | Existing | Proposed | Existing | Proposed |
| 1 | Regulated Return on Equity | 38,676 | 47,233 | 34,566 | 49,202 |
| 2 | | | | | |
| 3 | Finance Charges | | | | |
| 4 | Interest on Long-Term Debt | 36,005 | 36,005 | 34,945 | 34,945 |
| 5 | Other Interest | 328 | 401 | 752 | 909 |
| 6 | Amortization of Bond Issue Expenses | 197 | 197 | 183 | 183 |
| 7 | AFUDC | (1,943) | (1,943) | (2,963) | (2,964) |
| 8 | | <u>34,587</u> | <u>34,660</u> | <u>32,917</u> | <u>33,073</u> |
| 9 | | | | | |
| 10 | Return on Rate Base | <u>73,263</u> | <u>81,893</u> | <u>67,483</u> | <u>82,275</u> |
| 11 | | | | | |
| 12 | Average Rate Base | <u>1,241,958</u> | <u>1,239,085</u> | <u>1,289,858</u> | <u>1,287,450</u> |
| 13 | | | | | |
| 14 | Rate of Return on Rate Base (%) | 5.90 | 6.61 | 5.23 | 6.39 |

Newfoundland Power Inc.

**Financial Performance
2022P - 2023P
Inputs and Assumptions**

| | | |
|----|---------------------------------|--|
| 1 | Energy Forecasts: | Energy forecasts are based on economic indicators taken from the Conference Board of |
| 2 | | Canada Economic Forecast, dated February 24, 2021. |
| 3 | | |
| 4 | Revenue Forecast: | The revenue forecast is based on the Customer, Energy and Demand forecast dated May 2021. |
| 5 | | |
| 6 | | Forecast revenue based on Existing Rates for 2022 through 2023 reflects: (i) recovery through |
| 7 | | the RSA of amounts associated with the Energy Supply Cost Variance Adjustment Clause; |
| 8 | | (ii) recovery through the RSA of amounts associated with variances in employee future benefit costs; |
| 9 | | (iii) recovery through the RSA of amounts associated with the July 1, 2017 Hydro supply cost rate |
| 10 | | increase; (iv) recovery through the RSA of amounts associated with the Weather Normalization reserve; |
| 11 | | and (v) recovery through the RSA of certain costs related to the implementation of the CDM program |
| 12 | | portfolio all of which were approved by the Board in Order Nos. P.U. 32 (2007), P.U. 43 (2009), |
| 13 | | P.U. 31 (2010), P.U. 13 (2013), P.U. 18 (2015), P.U. 23 (2017), P.U. 20 (2018), P.U. 2 (2019) |
| 14 | | and P.U. 31 (2019). |
| 15 | | |
| 16 | Purchased Power Expense: | Purchased power expense reflects Newfoundland & Labrador Hydro's rates approved by the Board |
| 17 | | effective October 1, 2019 and the Customer, Energy and Demand Forecast dated May 12, 2021. |
| 18 | | |
| 19 | | Purchased power expense reflects the operation of the Demand Management Incentive Account |
| 20 | | approved by the Board in Order No. P.U. 32 (2007). This mechanism provides for recovery of demand |
| 21 | | costs that are in excess of unit demand costs included in the most recent test year. |
| 22 | | |
| 23 | | Variances in demand costs under the proposed forecasts are reflected in the 2022 and 2023 |
| 24 | | revenue requirements. |
| 25 | | |
| 26 | Employee Future Benefit | Pension funding is based on the actuarial valuation dated as at December 31, 2019. |
| 27 | Costs: | |
| 28 | | Pension discount rate is 2.60% for 2022 through 2023. |
| 29 | | |
| 30 | | Expected return on pension plan assets is 4.50% for 2022 through 2023. |
| 31 | | |
| 32 | | OPEBs discount rate is 2.70% for 2022 through 2023. |
| 33 | | |
| 34 | Cost Recovery Deferrals: | The 2022 and 2023 forecasts include the deferred recovery over a 10-year period of conservation |
| 35 | | program costs as reflected in the Application. |
| 36 | | |
| 37 | | Actual external hearing costs related to the 2022/2023 General Rate Application will be transferred to the |
| 38 | | RSA for recovery on March 31, 2022. |
| 39 | | |
| 40 | | The 2022 and 2023 forecasts include the amortization beginning March 1, 2022, of a \$0.9 million revenue |
| 41 | | shortfall related to a March 1, 2022 rate implementation date. |
| 42 | | |
| 43 | | The 2023 forecast includes a deferral to offset the impact of the proposed change in capitalizing |
| 44 | | pension costs, with amortization of the recovery of \$1.4 million over a 5-year period commencing |
| 45 | | January 1, 2023. |

Newfoundland Power Inc.

Financial Performance
2022P - 2023P
Inputs and Assumptions

| | | |
|----|-----------------------------------|---|
| 1 | Depreciation Rates: | Depreciation rates are based on the <i>2019 Depreciation Study</i> . |
| 2 | | |
| 3 | Operating Costs: | The operating forecast for 2022 and 2023 reflects the most recent management estimates as well as included in the Settlement Agreement. Operating forecasts for 2022 and 2023 reflect projected of 3.00% in 2022 and 2.85% in 2023 for labour and non-labour increases based upon the GDP deflator. |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | Capital Expenditure: | Capital Expenditures for 2022 and 2023 are based on the <i>2022 Capital Budget Application</i> adjusted for known carryovers. |
| 8 | | |
| 9 | | |
| 10 | Short-Term Interest Rates: | Average short-term interest rates are forecast to be 1.36% for 2022 and 1.70% for 2023. |
| 11 | | |
| 12 | Long-Term Debt: | A \$75.0 million long-term debt issue is forecast to be completed in March 2022. The debt is forecast for 30 years at a coupon rate of 4.25%. Debt repayments will be in accordance with the normal sinking fund provisions for existing outstanding debt. |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | Dividends: | Common dividend payouts are forecast based on maintaining a target common equity component near 45%. |
| 17 | | |
| 18 | | |
| 19 | Income Tax: | Income tax expense reflects a statutory income tax rate of 30% for 2022 through 2023. |

Newfoundland Power Inc.

Forecast Average Rate Base¹
2022 - 2023
(\$000s)

| | <u>2022</u> | <u>2023</u> |
|--|------------------|------------------|
| 1 Plant Investment | 1,208,182 | 1,259,423 |
| 2 | | |
| 3 Additions to Rate Base | | |
| 4 Defined Benefit Pension Costs | 91,526 | 98,201 |
| 5 Deferred Credit Facility Costs | 16 | - |
| 6 Cost Recovery Deferral - Hearing Costs | - | - |
| 7 Cost Recovery Deferral - Conservation | 20,530 | 22,536 |
| 8 Cost Recovery Deferral - Electrification | - | - |
| 9 Cost Recovery Deferral - 2022 Revenue Shortfall | 230 | 345 |
| 10 Cost Recovery Deferral - Pension Capitalization | - | 400 |
| 11 Demand Management Incentive Account | 634 | - |
| 12 Customer Finance Programs | 2,166 | 2,202 |
| 13 | <u>115,102</u> | <u>123,684</u> |
| 14 | | |
| 15 Deductions from Rate Base | | |
| 16 Other Post Employment Benefits | 74,950 | 80,572 |
| 17 Customer Security Deposits | 1,212 | 1,212 |
| 18 Accrued Pension Obligation | 5,430 | 5,578 |
| 19 Accumulated Deferred Income Taxes | 15,892 | 23,912 |
| 20 Weather Normalization Account | 1,958 | - |
| 21 | <u>99,442</u> | <u>111,274</u> |
| 22 | | |
| 23 Average Rate Base Before Allowances | 1,223,842 | 1,271,833 |
| 24 | | |
| 25 Cash Working Capital Allowance | 6,487 | 6,712 |
| 26 | | |
| 27 Materials and Supplies Allowance | 8,756 | 8,905 |
| 28 | | |
| 29 Average Rate Base at Year End | <u>1,239,085</u> | <u>1,287,450</u> |

¹ Based upon proposed rates. All amounts shown are averages.

Newfoundland Power Inc.

**2022 Revenue Requirement¹
(\$000s)**

| | <u>Existing</u> | <u>Changes</u> | <u>Proposed</u> |
|---|-----------------|-----------------|-----------------|
| 1 Costs | | | |
| 2 Power Supply Cost | 465,610 | (799) | 464,811 |
| 3 Operating Costs | 67,347 | (2,351) | 64,996 |
| 4 Employee Future Benefit Costs | 8,745 | - | 8,745 |
| 5 Deferred Cost Recoveries and Amortizations | - | (659) | (659) |
| 6 Depreciation ² | 70,424 | 508 | 70,932 |
| 7 Income Taxes | 15,384 | 3,663 | 19,047 |
| 8 | <u>627,510</u> | <u>362</u> | <u>627,872</u> |
| 9 | | | |
| 10 Return on Rate Base | 73,263 | 8,630 | 81,893 |
| 11 | | | |
| 12 2022 Revenue Requirement | 700,773 | 8,992 | 709,765 |
| 13 | | | |
| 14 Adjustments | | | |
| 15 Other Revenue ³ | (4,746) | (1,183) | (5,929) |
| 16 Interest on Security Deposits | 18 | - | 18 |
| 17 Energy Supply Cost Variance Adjustments | 24,348 | (19,477) | 4,871 |
| 18 Demand Management Incentive Adjustments | (1,811) | 1,811 | - |
| 19 Other Transfers to RSA | (7,020) | 3,156 | (3,864) |
| 20 | <u>10,789</u> | <u>(15,693)</u> | <u>(4,904)</u> |
| 21 | | | |
| 22 2022 Revenue Requirement from Rates⁴ | <u>711,562</u> | <u>(6,701)</u> | <u>704,861</u> |

¹ See *Volume 1, Application, Company Evidence and Exhibits, Section 4.3: 2022 and 2023 Revenue Requirements* for a summary of the Company's 2022 revenue requirement proposals. The figures also reflect the changes within the Settlement Agreement.

² The increase in depreciation expense is related to the implementation of depreciation rates outlined in the *2019 Depreciation Study*. See *Volume 1, Application, Company Evidence and Exhibits, Section 3.2.3: Depreciation*.

³ Excludes equity component of capitalized interest. Other revenue for proposed also excludes interest on the RSA.

⁴ Existing revenue requirement for 2022 excludes price elasticity impacts related to revenue of \$479,000. The required revenue decrease of \$6,222,000 in 2022 (see Exhibit 9, page 1 of 2, line 1, column E) is comprised of \$6,701,000 less price elasticity impacts related to revenue of \$479,000 (see Exhibit 9, page 1 of 2, line 1, column D).

Newfoundland Power Inc.

2023 Revenue Requirement¹
(\$000s)

| | <u>Existing</u> | <u>Changes</u> | <u>Proposed</u> |
|---|-----------------|-----------------|-----------------|
| 1 Costs | | | |
| 2 Power Supply Cost | 461,686 | (1,762) | 459,924 |
| 3 Operating Costs | 69,736 | 989 | 70,725 |
| 4 Employee Future Benefit Costs | 6,159 | (3,388) | 2,771 |
| 5 Deferred Cost Recoveries and Amortizations | - | (816) | (816) |
| 6 Depreciation ² | 74,745 | (287) | 74,458 |
| 7 Income Taxes | 13,294 | 7,650 | 20,944 |
| 8 | <u>625,620</u> | <u>2,386</u> | <u>628,006</u> |
| 9 | | | |
| 10 Return on Rate Base | 67,483 | 14,792 | 82,275 |
| 11 | | | |
| 12 2023 Revenue Requirement | 693,103 | 17,178 | 710,281 |
| 13 | | | |
| 14 Adjustments | | | |
| 15 Other Revenue ³ | (4,679) | (1,794) | (6,473) |
| 16 Interest on Security Deposits | 18 | - | 18 |
| 17 Energy Supply Cost Variance Adjustments | 26,665 | (26,665) | - |
| 18 Demand Management Incentive Adjustments | (2,079) | 2,079 | - |
| 19 Other Transfers to RSA | (4,630) | 49 | (4,581) |
| 20 | <u>15,295</u> | <u>(26,331)</u> | <u>(11,036)</u> |
| 21 | | | |
| 22 2023 Revenue Requirement from Rates⁴ | <u>708,398</u> | <u>(9,153)</u> | <u>699,245</u> |

¹ See *Volume 1, Application, Company Evidence and Exhibits, Section 4.3: 2022 and 2023 Revenue Requirements* for a summary of the Company's 2023 revenue requirement proposals. The figures also reflect the changes within the Settlement Agreement.

² The increase in depreciation expense is related to the implementation of depreciation rates outlined in the *2019 Depreciation Study*. See *Volume 1, Application, Company Evidence and Exhibits, Section 3.2.3: Depreciation*.

³ Excludes equity component of capitalized interest. Other revenue for proposed also excludes interest on the RSA.

⁴ Existing revenue requirement for 2023 excludes price elasticity impacts related to revenue of \$1,075,000. The required revenue decrease of \$8,078,000 in 2023 (see Exhibit 9, page 2 of 2, line 1, column E) is comprised of \$9,153,000 less price elasticity impacts related to revenue of \$1,075,000 (see Exhibit 9, page 2 of 2, line 1, column D).

Newfoundland Power Inc.

2022 Return on Rate Base
(\$000s)

| | <u>Existing</u> | <u>Changes</u> | <u>Proposed</u> |
|--|------------------|----------------------------|------------------|
| 1 | | | |
| 2 Average Capitalization | | | |
| 3 Debt | 678,353 | 4,363 | 682,716 |
| 4 Common Equity | <u>539,835</u> | <u>15,623</u> ¹ | <u>555,458</u> |
| 5 | <u>1,218,188</u> | <u>19,986</u> | <u>1,238,174</u> |
| 6 | | | |
| 7 Average Capital Structure | | | |
| 8 Debt | 55.69 | -0.55 | 55.14 |
| 9 Common Equity | <u>44.31</u> | <u>0.55</u> ¹ | <u>44.86</u> |
| 10 | <u>100.00</u> | <u>0.00</u> | <u>100.00</u> |
| 11 | | | |
| 12 Cost of Capital | | | |
| 13 Debt | 5.10 | -0.02 | 5.08 |
| 14 Common Equity | 7.16 | 1.34 ¹ | 8.50 |
| 15 | | | |
| 16 Weighted Average Cost of Capital | | | |
| 17 Debt | 2.84 | -0.04 | 2.80 |
| 18 Common Equity | <u>3.17</u> | <u>0.64</u> | <u>3.81</u> |
| 19 | <u>6.01</u> | <u>0.60</u> | <u>6.61</u> |
| 20 | | | |
| 21 Return on Rate Base² | | | |
| 22 Return on Debt | 34,587 | 73 | 34,660 |
| 23 Return on Common Equity | <u>38,676</u> | <u>8,557</u> ¹ | <u>47,233</u> |
| 24 | <u>73,263</u> | <u>8,630</u> | <u>81,893</u> |

¹ Reflects the Company's return on common equity of 8.5 percent in 2022.

² Total financing costs for 2022 forecast are as follows (\$000s):

| | |
|---|---------------|
| Return on debt from above | 34,660 |
| Add: Interest on security deposits | <u>18</u> |
| Finance Charges, Exhibit 5, Page 1, Line 18 | <u>34,678</u> |

Newfoundland Power Inc.

2023 Return on Rate Base
(\$000s)

| | <u>Existing</u> | <u>Changes</u> | <u>Proposed</u> |
|--|------------------|----------------------------|------------------|
| 1 | | | |
| 2 Average Capitalization | | | |
| 3 Debt | 699,501 | 8,690 | 708,191 |
| 4 Common Equity | <u>545,556</u> | <u>33,032</u> ¹ | <u>578,588</u> |
| 5 | <u>1,245,057</u> | <u>41,722</u> | <u>1,286,779</u> |
| 6 | | | |
| 7 Average Capital Structure | | | |
| 8 Debt | 56.18 | -1.14 | 55.04 |
| 9 Common Equity | <u>43.82</u> | <u>1.14</u> ¹ | <u>44.96</u> |
| 10 | <u>100.00</u> | <u>0.00</u> | <u>100.00</u> |
| 11 | | | |
| 12 Cost of Capital | | | |
| 13 Debt | 4.71 | -0.04 | 4.67 |
| 14 Common Equity | 6.34 | 2.16 ¹ | 8.50 |
| 15 | | | |
| 16 Weighted Average Cost of Capital | | | |
| 17 Debt | 2.64 | -0.07 | 2.57 |
| 18 Common Equity | <u>2.78</u> | <u>1.04</u> | <u>3.82</u> |
| 19 | <u>5.42</u> | <u>0.97</u> | <u>6.39</u> |
| 20 | | | |
| 21 Return on Rate Base² | | | |
| 22 Return on Debt | 32,917 | 156 | 33,073 |
| 23 Return on Common Equity | <u>34,566</u> | <u>14,636</u> ¹ | <u>49,202</u> |
| 24 | <u>67,483</u> | <u>14,792</u> | <u>82,275</u> |

¹ Reflects the Company's return on common equity of 8.5 percent in 2023.

² Total financing costs for 2023 forecast are as follows (\$000s):

| | |
|---|---------------|
| Return on debt from above | 33,073 |
| Add: Interest on security deposits | <u>18</u> |
| Finance Charges, Exhibit 5, Page 1, Line 18 | <u>33,091</u> |

Revenue Requirement to Revenue from Rates Reconciliation

Newfoundland Power Inc.

2022 Revenue Requirement to Revenue from Rates Reconciliation
(\$000s)

| | <u>Existing</u> | <u>Proposed</u> | <u>Difference</u> | <u>Price</u> <u>Elasticity¹</u> | <u>Proposed</u> <u>Increase²</u> |
|----------------------------------|----------------------|----------------------|----------------------|---|--|
| | <u>A</u> | <u>B</u> | <u>C</u> | <u>D</u> | <u>E</u> |
| 1 Revenue From Rates | 711,562 ³ | 704,861 ⁴ | (6,701) ⁵ | 479 | (6,222) |
| 2 | | | | | |
| 3 RSA Charges⁶ | 2,462 | 2,460 | (2) | 2 | - |
| 4 | | | | | |
| 5 MTA Charges | 17,111 | 16,951 | (160) | 12 | (148) |
| 6 | | | | | |
| 7 Total | 731,135 | 724,272 | (6,863) | 493 | (6,370) |

¹ Price elasticity impacts represent changes in electricity consumption due to changes in price as reflected in the Application and in accordance with paragraph 10 of the November 22, 2021 Settlement Agreement.

² The difference between existing and proposed forecasts plus additional revenue requirement to offset price elasticity impact (Column C + Column D).

³ 2022 revenue from existing rates from *Exhibit 7 (1st Revision)*, page 1 of 2.

⁴ Revenue from proposed rates, reflecting elasticity effects proposed in the Application, from *Exhibit 7 (1st Revision)*, page 1 of 2. Revenue from proposed rates reflects revenue from existing rates for January to February plus revenue from proposed rates for March to December of 2022.

⁵ *Exhibit 7 (1st Revision)* of the Application indicates a required decrease in 2022 revenue from rates of \$6,701,000 net of elasticity effects.

⁶ The RSA and MTA billings are determined using the RSA and MTA Factors effective October 1, 2019.

Newfoundland Power Inc.

**2023 Revenue Requirement to Revenue from Rates Reconciliation
(\$000s)**

| | <u>Existing</u> | <u>Proposed</u> | <u>Difference</u> | <u>Price Elasticity¹</u> | <u>Proposed Increase²</u> |
|----------------------------------|----------------------|----------------------|----------------------|---|--|
| | A | B | C | D | E |
| 1 Revenue From Rates | 708,398 ³ | 699,245 ⁴ | (9,153) ⁵ | 1,075 | (8,078) |
| 2 | | | | | |
| 3 RSA Charges⁶ | 2,444 | 2,438 | (6) | 6 | - |
| 4 | | | | | |
| 5 MTA Charges | 17,005 | 16,785 | (220) | 27 | (193) |
| 6 | | | | | |
| 7 Total | 727,847 | 718,468 | (9,379) | 1,108 | (8,271) ⁷ |

¹ Price elasticity impacts represent changes in electricity consumption due to changes in price as reflected in the Application and in accordance with paragraph 10 of the November 22, 2021 Settlement Agreement.

² The difference between existing and proposed forecasts plus additional revenue requirement to offset price elasticity impact (Column C + Column D).

³ 2023 revenue from existing rates from *Exhibit 7 (1st Revision)*, page 2 of 2.

⁴ Revenue from proposed rates, reflecting elasticity effects proposed in the Application, from *Exhibit 7 (1st Revision)*, page 2 of 2.

⁵ *Exhibit 7* of the Application indicates a required decrease in 2023 revenue from rates of \$9,153,000 net of elasticity effects.

⁶ The RSA and MTA billings are determined using the RSA and MTA Factors effective October 1, 2019.

⁷ See *Exhibit 10 (1st Revision)*, Column E.

Newfoundland Power Inc.

**2023 Average Customer Billing Impacts
(\$000s)**

**Forecast Impacts by Rate Class Under Existing and Proposed Rates
(includes October 1, 2019 RSA and MTA)**

| Category | <u>Existing Rates</u> | <u>Adjustment Due to Price Elasticity</u> | <u>Adjusted Existing Rates</u> | <u>Proposed Rates</u> | <u>Difference</u> | <u>Rate Decrease</u> |
|-------------------------------------|-----------------------|---|------------------------------------|---------------------------|-------------------|--------------------------|
| | (A) ¹ | (B) ² | (C) ³ | (D) ⁴ | (E) ⁵ | (F) ⁶ |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 1.1 Domestic | 454,445 | (1,074) | 453,371 | 448,207 | (5,164) | -1.1% |
| 4 1.1S Domestic Seasonal | 1,790 | - | 1,790 | 1,770 | (20) | -1.1% |
| 5 Total Domestic | <u>456,235</u> | <u>(1,074)</u> | <u>455,161</u> | <u>449,977</u> | <u>(5,184)</u> | <u>-1.1%</u> |
| 6 | | | | | | |
| 7 2.1 General Service 0-100 kW | 101,045 | (30) | 101,015 | 99,868 | (1,147) | -1.1% |
| 8 2.3 General Service 110-1000 kVA | 111,940 | - | 111,940 | 110,668 | (1,272) | -1.1% |
| 9 2.4 General Service over 1000 kVA | 38,758 | - | 38,758 | 38,317 | (441) | -1.1% |
| 10 Total General Service | <u>251,743</u> | <u>(30)</u> | <u>251,713</u> | <u>248,853</u> | <u>(2,860)</u> | <u>-1.1%</u> |
| 11 | | | | | | |
| 12 4.1 Street and Area Lighting | 17,024 | - | 17,024 | 16,829 | (195) | -1.1% |
| 13 Forfeited Discounts | 2,845 | (4) | 2,841 | 2,809 | (32) | -1.1% |
| 14 | | | | | | |
| 15 Total | <u>727,847</u> | <u>(1,108)</u> | <u>726,739</u> | <u>718,468</u> | <u>(8,271)</u> | <u>-1.1%</u> |

¹ Column A is the forecast revenue plus RSA and MTA effective October 1 2019, based on the 2023 test year sales forecast without elasticity impacts. See *Exhibit 9 (1st revision)*, page 2 of 2, Column A.

² Column B is the elasticity impact on existing customer billings reflected in the Application and paragraph 10 of the November 22, 2021 Settlement Agreement.

³ Column C is the forecast customer billings under existing rates including elasticity impacts (Column A + Column B).

⁴ Column D is the forecast customer billings under proposed rates including elasticity impacts. See *Exhibit 9 (1st Revision)*, page 2 of 2, Column B.

⁵ Column E is the difference between forecast under proposed rates and that under existing rates adjusted for elasticity (Column D - Column C).

⁶ Column F is the forecast rate decrease (Column E / Column C).

Newfoundland Power Inc.

Summary of Existing and Proposed Customer Rates
(Includes Municipal Tax and Rate Stabilization Adjustments)

| | <u>July 1, 2021</u> <u>Existing Rates</u> | <u>March 1, 2022</u> <u>Proposed Rates</u> |
|------------------------------------|--|---|
| <u>Domestic - Rate #1.1</u> | | |
| Basic Customer Charge | | |
| Not Exceeding 200 Amp Service | \$16.00/month | \$15.81/month |
| Exceeding 200 Amp Service | \$21.00/month | \$20.81/month |
| | | |
| Energy Charge - All kilowatt hours | 12.520 ¢/kWh | 12.381 ¢/kWh |
| | | |
| Minimum Monthly Charge | | |
| Not Exceeding 200 Amp Service | \$16.00/month | \$15.81/month |
| Exceeding 200 Amp Service | \$21.00/month | \$20.81/month |
| | | |
| Prompt Payment Discount | 1.5% | 1.5% |
| <u>Domestic - Rate #1.1S</u> | | |
| Basic Customer Charge | | |
| Not Exceeding 200 Amp Service | \$16.00/month | \$15.81/month |
| Exceeding 200 Amp Service | \$21.00/month | \$20.81/month |
| | | |
| Energy Charge | | |
| Winter Seasonal | 13.473 ¢/kWh | 13.334 ¢/kWh |
| Non-Winter Seasonal | 11.223 ¢/kWh | 11.084 ¢/kWh |
| | | |
| Minimum Monthly Charge | | |
| Not Exceeding 200 Amp Service | \$16.00/month | \$15.81/month |
| Exceeding 200 Amp Service | \$21.00/month | \$20.81/month |
| | | |
| Prompt Payment Discount | 1.5% | 1.5% |

Newfoundland Power Inc.

**Summary of Existing and Proposed Customer Rates
(Includes Municipal Tax and Rate Stabilization Adjustments)**

| | <u>July 1, 2021 Existing Rates</u> | <u>March 1, 2022 Proposed Rates</u> |
|--|---|---|
| <u>G.S. 0-100 kW (110 kVA) - Rate #2.1</u> | | |
| Basic Customer Charge | | |
| Unmetered | \$12.16/month | \$11.91/month |
| Single Phase | \$20.16/month | \$19.91/month |
| Three Phase | \$32.16/month | \$31.91/month |
| Demand Charge Regular | \$9.80/kW - winter \$7.30/kW - other | \$9.71/kW - winter \$7.21/kW - other |
| Energy Charge | | |
| First 3,500 kilowatt-hours | 12.379 ¢/kWh | 12.241 ¢/kWh |
| All excess kilowatt-hours | 9.386 ¢/kWh | 9.283 ¢/kWh |
| Maximum Monthly Charge | 21.265 ¢/kWh + B.C.C. | 21.026 ¢/kWh + B.C.C. |
| Minimum Monthly Charge | | |
| Unmetered | \$12.16/month | \$11.91/month |
| Single Phase | \$20.16/month | \$19.91/month |
| Three Phase | \$32.16/month | \$31.91/month |
| Prompt Payment Discount | 1.5% | 1.5% |
| <u>G.S. 110-1000 kVA - Rate #2.3</u> | | |
| Basic Customer Charge | \$49.45/month | \$48.89/month |
| Demand Charge | \$8.22/kVA-winter \$5.72/kVA-other | \$8.15/kVA-winter \$5.65/kVA-other |
| Energy Charge | | |
| First 150 kWh per kVA of demand (max. 50,000) | 10.584 ¢/kWh | 10.466 ¢/kWh |
| All Excess kWh | 8.603 ¢/kWh | 8.507 ¢/kWh |
| Maximum Monthly Charge | 21.265 ¢/kWh + B.C.C. | 21.026 ¢/kWh + B.C.C. |
| Minimum Monthly Charge | \$49.45/month | \$48.89/month |
| Prompt Payment Discount | 1.5% | 1.5% |

Newfoundland Power Inc.

Summary of Existing and Proposed Customer Rates
(Includes Municipal Tax and Rate Stabilization Adjustments)

| | <u>July 1, 2021</u> <u>Existing Rates</u> | <u>March 1, 2022</u> <u>Proposed Rates</u> |
|---|--|---|
| <u>G.S. 1000 kVA and Over - Rate #2.4</u> | | |
| Basic Customer Charge | \$86.18/month | \$85.20/month |
| Demand Charge | \$7.88/kVA-winter \$5.38/kVA-other | \$7.82/kVA-winter \$5.32/kVA-other |
| Energy Charge | | |
| First 75,000 kWh | 10.218 ¢/kWh | 10.105 ¢/kWh |
| All Excess kWh | 8.522 ¢/kWh | 8.427 ¢/kWh |
| Maximum Monthly Charge | 21.265 ¢/kWh + B.C.C. | 21.026 ¢/kWh + B.C.C. |
| Minimum Monthly Charge | \$86.18/month | \$85.20/month |
| Prompt Payment Discount | 1.5% | 1.5% |

Newfoundland Power Inc.

Summary of Existing and Proposed Customer Rates
(Includes Municipal Tax and Rate Stabilization Adjustments)

Street and Area Lighting Rates

| | | <u>July 1, 2021</u> <u>Existing Rates</u> | <u>March 1, 2022</u> <u>Proposed Rates</u> |
|---|---------|--|---|
| <u>Fixtures</u> | | | |
| <u>Sentinel/Standard</u> | | | |
| High Pressure Sodium | 100W | \$18.02 | \$18.10 |
| | 150W | 22.23 | 22.60 |
| | 250W | 30.91 | 32.23 |
| | 400W | 42.41 | 45.27 |
| Light Emitting Diode | LED 100 | \$16.28 | \$15.94 |
| | LED 150 | 17.80 | 17.97 |
| | LED 250 | 22.83 | 21.77 |
| | LED 400 | 25.91 | 25.17 |
| <u>Post Top</u> | | | |
| High Pressure Sodium | 100W | \$19.44 | \$19.29 |
| <u>Poles</u> | | | |
| Wood | | \$6.28 | \$6.12 |
| 30' Concrete or Metal, direct buried | | 8.96 | 8.55 |
| 45' Concrete or Metal, direct buried | | 14.68 | 14.15 |
| 25' Concrete or Metal, Post Top, direct buried | | 6.68 | 6.06 |
| <u>Underground Wiring (per run)</u> | | | |
| All sizes and types of fixtures | | \$15.30 | \$14.42 |

Electrification Cost Deferral Account Definition

Newfoundland Power Inc.

Electrification Cost Deferral Account

Proposed Definition

Electrification Cost Deferral Account 189xx

This account shall be charged with the costs incurred in implementing the Customer Electrification Program Portfolio in accordance with Board orders and approved electric vehicle charging infrastructure capital costs until otherwise ordered by the Board.

Electrification program costs include: detailed program development, promotional materials, advertising, pre and post customer installation checks, incentives, processing applications and incentives, training of employees and trade allies, program evaluation costs and the costs to operate Company-owned charging stations.

This account shall also be charged the costs of major studies such as pilot programs, comprehensive customer surveys and potential studies that cost greater than \$100,000.

This account shall be credited with the receipt of government funding related to electrification programs and electric vehicle charging infrastructure as well as any revenues associated with the operation of Company-owned charging stations.

The account shall exclude electrification expenditures that are general in nature and not associated with a specific electrification program, such as costs associated with providing electrification awareness, and general planning, research and supervision costs.

The account shall be increased (reduced) by an interest charge (credit) on the balance in the account at the beginning of the month, at a monthly rate equivalent to the mid-point of the Company's allowed rate of return on rate base. The account will not be included in the Company's calculation of rate base until otherwise ordered by the Board.

Transfers to, and from, the proposed account will be tax-effected.

This account will maintain a linkage of all costs recorded in the account to the year the cost was incurred.

Recovery of annual amortizations of costs in this account shall be through the Company's Rate Stabilization Clause or as otherwise ordered by the Board.

Newfoundland Power Inc.

Proposed Changes to the Rate Stabilization Clause

It is proposed that Clause II.7 of the Rate Stabilization Clause be replaced with the following:

7. On March 31st of each year, the Rate Stabilization Account shall be increased on a before tax basis, by the CDM Cost Recovery Transfer.

The CDM Cost Recovery Transfer, expressed in dollars, will be calculated to provide for the recovery of costs charged annually to the Conservation and Demand Management Cost Deferral Account (the “CDM Cost Deferral”), commencing in the year following the year in which the CDM Cost Deferral is charged to the CDM Cost Deferral Account. Beginning January 1, 2021, all historical balances and annual charges to the CDM Cost Deferral will be recovered over 10 years.

The CDM Cost Deferral Account will identify the year in which each CDM Cost Deferral was incurred.

The CDM Cost Recovery Transfer for each year will be the sum of individual amounts representing 1/10th of each CDM Cost Deferral, beginning January 1, 2021, which individual amounts shall be included in the CDM Cost Recovery Transfer for 10 years following the year in which the CDM Cost Deferral was recorded.

It is proposed that Clause II.9 of the Rate Stabilization Clause be replaced with the following:

9. On March 31st of each year, beginning in 2022, the Rate Stabilization Account shall be increased on a before tax basis, by the Electrification Cost Recovery Transfer.

The Electrification Cost Recovery Transfer, expressed in dollars, will be calculated to provide for the recovery of costs charged annually to the Electrification Cost Deferral Account over a 10-year period, commencing in the year following the year in which the Electrification Cost Deferral is charged to the Electrification Cost Deferral Account.

The Electrification Cost Deferral Account will identify the year in which each Electrification Cost Deferral was incurred.

Proposed Changes to the Rate Stabilization Clause

1 The Electrification Cost Recovery Transfer for each year will be the sum of
2 individual amounts representing 1/10th of each Electrification Cost Deferral,
3 which individual amounts shall be included in the Electrification Cost Recovery
4 Transfer for 10 years following the year in which the Electrification Cost
5 Deferral was recorded.

Newfoundland Power Inc.

Load Research and Rate Design Cost Deferral Account

Proposed Definition

Load Research and Rate Design Cost Deferral Account 184xx

This account shall be charged with the costs incurred in conducting a Load Research Study and a Retail Rate Design Review (collectively, the “Studies”).

These costs include: the development of a detailed framework for each of the Studies in 2022; and costs to conduct each of the Studies in accordance with the framework.

Transfers to, and from, the proposed account will be tax-effected.

The disposition of any balance in this account will be subject to a future order of the Board.

Newfoundland Power Inc.

Pension Capitalization Cost Deferral Account

Proposed Definition

Pension Capitalization Cost Deferral Account

185xx

This account shall be charged with amounts equal to cost impacts resulting from the change in capitalizing pension costs from the indirect method via general expenses capitalized to the direct method via a labour loader, effective January 1, 2023.

Charges to the account will be amortized over a 5-year period commencing January 1, 2023.

Transfers to, and from, the account will be tax-effected.