

#### NEWFOUNDL LABRADOR

#### BOARD OF COMMISSIONERS OF PUBLIC UTILITIES

120 Torbay Road, P.O. Box 21040, St. John's, Newfoundland and Labrador, Canada, A1A 5B2

E-mail: khopkins@newfoundlandpower.com

2019-05-22

Kelly Hopkins Corporate Counsel Newfoundland Power Inc. P.O. Box 8910 St. John's, NL A1B 3P6

Dear Ms. Hopkins:

#### Re: Rate Mitigation Options and Impacts Reference - Information Requests

Attached are Information Requests PUB-NP-084 to PUB-NP-097 issued by the Board in relation to the above subject matter. Responses to these requests must be filed by 3:00 p.m. on Wednesday, June 5, 2019.

If you have any questions or require any clarification, please do not hesitate to contact the undersigned.

Sincerely,

Cheryl Blundon **Board Secretary** 

CB/bt

Enclosure

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## Reference from the Lieutenant-Governor in Council On the Rate Mitigation Options and Impacts Relating to the Muskrat Falls Project

# INFORMATION REQUESTS

1	PUB-NP-084	Assuming transfer of operation of all Hydro retail-level service operations
2		(both Island and Labrador and both interconnected and isolated) to
3		Newfoundland Power (termed the "Retail Transfer Option" hereafter in
4		this set of questions), please:
5		a. Provide all assumptions, data, and calculations associated with
6		Newfoundland Power's analyses of staffing required on a steady
7		state basis.
8		b. Specifically detail all assumptions supporting Newfoundland
9		Power's projected ability to operate the distribution assets in the
10		scenario with fewer FTEs than Newfoundland Hydro's current
11		staffing.
12		c. Describe what efficiencies, if any, Newfoundland Power would
13		realize in operating the Labrador Interconnected and Labrador and
14		Newfoundland isolated systems.
15 16		d. Detail such efficiencies narratively (qualitative) and quantitative
17		(annual costs).
18	PUB-NP-085	Assuming the Retail Transfer Option, please provide a table depicting
19	I OD-111-005	Newfoundland Power's estimates by significant work group (briefly
20		explaining functions of each) of the increase in the numbers of distribution-
21		related FTEs required for operating Newfoundland Hydro's Island
22		Interconnected distribution system, Newfoundland Hydro's Labrador
23		Interconnected distribution systems, and related interconnected diesel
24		backup generators, using two categories (combined to produce a single
25		value for each of): (a) craft and supervision, and (b) levels from there up to
26		but excluding the director level.
27		
28	PUB-NP-086	Assuming the Retail Transfer Option, please provide a table that indicates
29		Newfoundland Power's estimates of the increase in the numbers of
30		distribution-related FTEs required for operating Newfoundland Hydro's
31		Island and Labrador isolated diesel plant distribution systems, using two
32		categories (combined to produce a single value for each of): (a) craft and
33		supervision, and (b) levels from there up to but excluding the director level.
34	***** *** ***	
35	PUB-NP-087	Assuming the Retail Transfer Option, for the groups depicted in the
36		response to PUB-Nalcor-086, please provide estimates of expected steady
37		state percentages of O&M versus capital work (a higher level of aggregation
38		is acceptable if lower level of detail is cumbersome to provide).

1 Assuming the Retail Transfer Option, please provide: **PUB-NP-088** 2 A projection of total capital expenditures and a breakdown by major 3 category (excluding one-time transition costs) required to produce 4 the long-term "steady state" upon which Newfoundland Power has 5 based its projections of its expected FTE requirements associated 6 this scenario 7 An estimate of the period(s) over which Newfoundland Power can b. 8 reasonably complete the work encompassed by those expenditures. 9 10 **PUB-NP-089** Assuming transfer of operational responsibility for all Hydro transmission 11 (on the Island only, and excluding conversion, synchronous condenser, and 12 other Labrador Island Link terminating activities at Soldiers Pond, but 13 including Labrador Island Link operation and maintenance between Soldiers Pond and the Island end of the Strait of Belle Isle crossing) (termed 14 15 the "Island Transmission Transfer Option" hereafter in this set of 16 questions), please: 17 Provide all assumptions, data, and calculations associated with a. 18 Newfoundland Power's analyses of staffing required on a steady 19 state basis 20 Specifically, detail the assumptions which support Newfoundland b. 21 Power's projected ability to operate the assets with fewer FTEs than 22 Newfoundland Hydro's current staffing. 23 24 **PUB-NP-090** Assuming the Retail Transfer Option, but not the Island Transmission 25 Transfer Option, please provide a table that indicates Newfoundland 26 Power's estimates of the increase in the numbers of transmission-related 27 FTEs Newfoundland Power would require to operate all of Newfoundland 28 Hvdro's Island 66 kV and 138 kV radial lines and terminal stations (except those operated by Hydro within a loop arrangement) (termed the "Island 29 Retail and Radial Transmission Transfer Option" hereafter in this set of 30 31 questions), using two categories (combined to produce a single value for each of): (a) craft and supervision, and (b) levels from there up to but 32 33 excluding the director level. 34 35 **PUB-NP-091** Assuming the Island Retail and Radial Transmission Transfer Option. 36 please add to the table requested in PUB-Nalcor-090 the incremental 37 resources estimated to be required to add 138kV lines within a loop 38 arrangement. 39 40 PUB-NP-092 Assuming the Island Retail and Radial Transmission Transfer Option. 41 please provide: 42 A projection of total capital expenditures and a breakdown by major 43 category (excluding one-time transition costs) required to produce the 44 long-term "steady state" upon which Newfoundland Power has based 45 its projections of its expected FTE requirements associated with this scenario. 46

1 2 3		b. An estimate of the period(s) over which Newfoundland Power can reasonably complete the work encompassed by those expenditures.
4 5 6	PUB-NP-093	For the following procurement categories (goods and services), please provide:
7		a. The suppliers and annual spending for:
8		Vegetation management contractors
9		Wood pole purchases
10		Wood pole installation contractors
11		Transmission and Distribution Construction and Maintenance
12		contractors
13		<ul> <li>Distribution Transformer purchases</li> </ul>
14		Substation/Terminal Station Power Transformer purchases
15		Electrical Supplies purchases
16		Engineering Services contractors
17		<ul> <li>Generation/Hydro Maintenance and Modification contractors</li> </ul>
18		<ul> <li>Transmission conductor purchases</li> </ul>
19		Distribution conductor purchases
20		
21		b. Break the annual spend listing down as follows:
22		<ul> <li>For materials, include number of annual purchased units.</li> </ul>
23		• For discrete capital projects, provide supplier, brief scope
24		description of project and contracted spend for each project.
25		• For capital and operating programs, provide suppliers, brief scope
26		descriptions of program and annual combined spend.
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28 29	PUB-NP-094	Assuming transfer of operation of all Newfoundland Hydro small hydro
30		facilities (termed the <u>"Small Hydro Transfer to NP Option"</u> hereafter in this set of questions), please:
31		a. Identify which Hydro plants Newfoundland Power considers as
32		"small hydro" and why it considers such designation appropriate.
33		b. Provide <i>all</i> assumptions, data, and calculations associated with
34		Newfoundland Power's analyses of staffing required on a steady
35		state basis.
36		c. Specifically, detail the assumptions which support Newfoundland
37		Power's projected ability to operate the assets with fewer FTEs than
38		Newfoundland Hydro's current staffing.

1	PUB-NP-095	For the Small Hydro Transfer to NP Option, please provide:
2		a. The estimated incremental change in current Newfoundland Power
3		staffing (permanent and embedded contractors (if applicable) staff,
4		support functions and position designations (e.g., operator,
5		millwright, engineering, safety, environmental, HR, etc.).
6		b. All assumptions underlying that analysis.
7		c. If the Exploits units are included in the Newfoundland Power
8		definition, please provide the information requested in parts (a) and
9		(b) for them separately.
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11	PUB-NP-096	Please provide the current Newfoundland Power staff complements
12		(permanent and embedded contractor, if applicable) associated with the
13		operation, maintenance and support of its hydro plants, including
14		operational and support functions and position designations (e.g., operator,
15		millwright, engineering, safety, environmental, HR, etc.).
16		
17	PUB-NP-097	Assuming a transfer of operating responsibility for all Newfoundland Power
18		hydro generation to Newfoundland Hydro (termed for the purpose of this
19		set of questions as the Small Hydro Transfer From NP Option) please
20		provide:
21		a. The estimated incremental change in current Newfoundland Power
22		staffing (permanent and embedded contractors (if applicable) staff,
23		support functions and position designations (e.g., operator,
24		millwright, engineering, safety, environmental, HR, etc.).
25		b. All assumptions underlying that analysis.

**DATED** at St. John's, Newfoundland this 22<sup>nd</sup> day of May, 2019.

### **BOARD OF COMMISSIONERS OF PUBLIC UTILITIES**

Per Cheryl Blundon
Board Secretary