



NEWFOUNDLAND AND LABRADOR  
**BOARD OF COMMISSIONERS OF PUBLIC UTILITIES**  
120 Torbay Road, P.O. Box 21040, St. John's, Newfoundland and Labrador, Canada, A1A 5B2

2016-04-21

Mr. Geoff Young  
Newfoundland and Labrador Hydro  
P.O. Box 12400  
Hydro Place, Columbus Drive  
St. John's, NL A1B 4K7

Dear Mr. Young:

**Re: Newfoundland and Labrador Hydro - Approval of the Replacement of the Lower Reheater Boiler Tubes on Units 1 and 2 at Holyrood Thermal Generating Station - Requests for Information**

Enclosed are Information Requests PUB-NLH-001 to PUB-NLH-008 regarding the above-noted application.

If you have any questions, please do not hesitate to contact the Board's Legal Counsel, Ms. Jacqui Glynn, by email, [jglynn@pub.nl.ca](mailto:jglynn@pub.nl.ca) or telephone (709) 726-6781.

Yours truly,

Cheryl Blundon  
Board Secretary

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Enclosure

ecc. **Newfoundland & Labrador Hydro**  
NLH Regulatory, E-mail: [NLHRegulatory@nlh.nl.ca](mailto:NLHRegulatory@nlh.nl.ca)  
**Newfoundland Power Inc.**  
Mr. Gerard Hayes, E-mail: [ghayes@newfoundlandpower.com](mailto:ghayes@newfoundlandpower.com)  
**Consumer Advocate**  
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Mr. David Meade, E-mail: [dave\\_meade@praxair.com](mailto:dave_meade@praxair.com)

1 **IN THE MATTER OF**  
2 the *Electrical Power Control Act, 1994*,  
3 SNL 1994, Chapter E-5.1 (the "*EPCA*")  
4 and the *Public Utilities Act*, RSNL 1990,  
5 Chapter P-47 (the "*Act*"), as amended, and  
6 regulations thereunder; and  
7

8 **IN THE MATTER OF**  
9 an application by Newfoundland and Labrador  
10 Hydro for approval to replace the lower reheater  
11 boiler tubes on Units 1 and 2, and additional reliability  
12 improvements at the Holyrood Thermal Generating  
13 Station, pursuant to Subsection 41(3) of the *Act*.

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**PUBLIC UTILITIES BOARD  
REQUESTS FOR INFORMATION**

**PUB-NLH-001 to PUB-NLH-008**

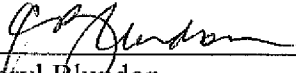
**Issued: April 21, 2016**

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- 1 **PUB-NLH-001** Page 7, lines 5-7: Please provide the expected maximum loading of Units  
2 1 and 2 when placed back in service following replacement of the lower  
3 reheater tubes.  
4
- 5 **PUB-NLH-002** Page 12, lines 13-18: Hydro states that the oil ash corrosion as  
6 experienced on Unit 1 and 2 lower reheaters occurs when low melting  
7 constituents in the heavy oil deposits on the tubes combined with  
8 temperatures where the tube surfaces exceed 1100°F.  
9  
10 Please explain how reheat tube surface temperatures in excess of 1100°F  
11 (593.3°C) is consistent with the design temperature of 538°C indicated on  
12 page 13, line 4.  
13
- 14 **PUB-NLH-003** Page 13, line 16: Please confirm when the suction heat exchanger on Fuel  
15 Oil Storage Tank No. 3 failed?  
16
- 17 **PUB-NLH-004** Page 14, lines 1-2: Please confirm when the Unit 2 reheater pressure  
18 safety valve stopped working as required.  
19
- 20 **PUB-NLH-005** Please provide the specific cost estimate included in the \$11.8 million total  
21 project budget for each of the following:  
22 - Replacement of lower reheater boiler tubes;  
23 - Replacement of items 1 through 10 on pages 13-14 (cost of each  
24 specific item); and  
25 - Completion of Level 2 condition assessments.  
26
- 27 **PUB-NLH-006** Please provide details of Hydro's contingency policy including details of  
28 the \$1.8M contingency calculation for this project.  
29
- 30 **PUB-NLH-007** Please confirm that the use of the contingency of \$1.8M for this project  
31 will be limited to projects of similar scope as those listed 1 – 9 on pages  
32 13-14 and not for unrelated projects. Please provide examples of the type  
33 of replacements the contingency would cover and detail the circumstances  
34 in which a separate supplemental capital budget application would be  
35 filed.  
36
- 37 **PUB-NLH-008** On page 3 of the Holyrood Outlook included in the 2016 Capital Budget  
38 Application, Hydro states: *"The Muskrat Falls development and the  
39 Labrador Island Link (LIL) are expected to be in service in late 2017.  
40 Holyrood will be required for prime power production throughout the  
41 interim period (i.e. to the in-service date of the LIL) and it is intended that  
42 the facility remain fully available for generation in stand-by mode until  
43 the 2020-2021 timeframe."*  
44  
45 Please provide any updates regarding the expected timeframe for which  
46 Holyrood will be required for prime power production and stand-by  
47 production.

**DATED** at St. John's, Newfoundland this 21<sup>st</sup> day of April 2016.

**BOARD OF COMMISSIONERS OF PUBLIC UTILITIES**

Per  \_\_\_\_\_  
Cheryl Blundon  
Board Secretary