



Hydro Place, 500 Columbus Drive,  
P.O. Box 12400, St. John's, NL  
Canada A1B 4K7  
t. 709.737.1400 f. 709.737.1800  
www.nlh.nl.ca

December 11, 2017

**Via Email & Courier**

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

**Attention: Ms. Cheryl Blundon  
Director of Corporate Services & Board Secretary**

Dear Ms. Blundon:

**Re: 2017 General Rate Application – Requests for Information on Expert Reports  
NLH-IOC-001 – NLH-IOC-009**

Please find enclosed the original and thirteen (13) copies of Hydro's Requests for Information NLH-IOC-001 to NLH-IOC-009 in relation to the above noted Application.

If you have any questions, please contact the undersigned.

Yours truly,

**NEWFOUNDLAND AND LABRADOR HYDRO**

Tracey L. Pennell  
Senior Counsel, Regulatory  
TLP/skc

Encl.

cc: Gerard Hayes - Newfoundland Power  
Paul Coxworthy - Stewart McKelvey Stirling Scales  
Denis J. Fleming - Cox & Palmer

Dennis Browne, Q.C. - Consumer Advocate  
Dean Porter - Poole Althouse

ecc: Van Alexopoulos - Iron Ore Company  
Senwung Luk - Labrador Interconnected Group

Benoît Pepin - Rio Tinto

**IN THE MATTER OF** the *Electrical Power Control Act, 1994*, SNL 1994, Chapter E-5.1 and the *Public Utilities Act, RSN 1990*, Chapter P-47 (the Act);

**AND IN THE MATTER OF** a General Rate Application (the Application) by Newfoundland and Labrador Hydro to establish customer electricity rates for 2018 and 2019.

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**NEWFOUNDLAND AND LABRADOR HYDRO**

**Requests for Information**

**NLH-IOC-001 to NLH-IOC-009**

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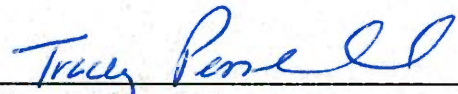
- NLH-IOC-001**      **RE: Evidence of the Iron Ore Company of Canada, paragraph 25.**
- Please provide a copy of the engineering study completed by BBA in relation to the use of the IOC static compensator.
- NLH-IOC-002**      **RE: Evidence of the Iron Ore Company of Canada, paragraph 27.**
- As noted in Hydro's response to IOC-NLH-021, "In 2010, Hydro fully funded a facility-wide energy audit of IOC; the audit identified nine energy efficiency opportunities at the site." Of the nine projects that were identified, please indicate which projects were undertaken and the estimated demand and energy savings that resulted from each.
- NLH-IOC-003**      Further to NLH-IOC-002, if any of the projects identified in the 2010 energy efficiency audit were not undertaken, please provide an explanation as to why such projects were not undertaken by IOC.
- NLH-IOC-004**      In the past five years, has IOC implemented any energy efficiency initiatives, other than those identified in the 2010 energy efficiency audit conducted by Hydro? If so, please describe each initiative and provide the estimated peak demand and annual energy savings achieved.
- NLH-IOC-005**      Further to NLH-IOC-004, if no energy efficiency initiatives have been undertaken in the past five years, please provide an explanation as to why no such projects were undertaken by IOC.
- NLH-IOC-006**      Does IOC intend on undertaking any energy efficiency initiatives in the next 5 years? If so, please provide a description and timeline for the implementation of such projects. If not, please provide an explanation as to why no such projects are planned in the next five years.
- NLH-IOC-007**      **RE: Evidence of the Iron Ore Company of Canada, paragraphs 17 and 26.**
- It is stated IOC's Power on Demand for 2018 is 250 MW and "*IOC can only substitute clean hydroelectricity with more expensive GHG emitting heavy oil generators.*" Please indicate the capacity that could be displaced by the use of IOC's heavy oil generators.
- NLH-IOC-008**      **RE: Evidence of the Iron Ore Company of Canada, paragraph 28.**
- It is stated "*IOC cannot substitute its electricity supply with a prolonged use of its heavy oil generators, since they require regular maintenance.*" Please provide a detailed description of the status of IOC's heavy oil generation assets, including details of their ages and maintenance schedules.

NLH-IOC-009

RE: Evidence of the Iron Ore Company of Canada, paragraph 31.

It is stated "running [IOC's] heavy oil generators will impose costs on the range of 40,000\$ per day on its Labrador operations." Please provide a breakdown of the underlying component costs comprising the estimated \$40,000 per day cost of IOC running its heavy oil generators.

DATED at St. John's, in the Province of Newfoundland and Labrador this 11<sup>th</sup> day of December, 2017.



Tracey L. Pennell  
Counsel for the Applicant  
Newfoundland and Labrador Hydro  
500 Columbus Drive P.O. Box 12400  
St. John's, NL A1B 4K7  
Telephone: (709) 778-6671  
Facsimile: (709) 737-1782

TO: The Board of Commissioners of Public Utilities  
Suite E210, Prince Charles Building  
120 Torbay Road  
P.O. Box 21040  
St. John's, NL A1A 5B2  
Attention: Board Secretary

TO: Newfoundland Power Inc.  
P.O. Box 8910  
55 Kenmount Road  
St. John's, NL A1B 3P6  
Attention: Gerard Hayes, Senior Legal Counsel

TO: Dennis Browne, Q.C., Consumer Advocate  
Browne Fitzgerald Morgan & Avis  
Terrace in the Square  
St. John's, NL A1B 4J9

TO: Paul Coxworthy, Industrial Customer Group, Island Industrial Group  
Stewart McKelvey Stirling Scales  
Suite 1100, Cabot Place  
100 New Gower Street  
P.O. Box 5038  
St. John's, NL A1C 5V3

TO: Denis J. Fleming  
Cox & Palmer  
Scotia Centre, Suite 1000  
235 Water Street  
St. John's, NL A1C 1B6

TO: Benoît Pepin, Iron Ore Company of Canada  
Rio Tinto  
1190 avenue des Canadiens-de-Montréal  
Suite 400  
Montréal, QC, H3A 0E3

TO: Senwung Luk, Labrador Interconnected Group\*  
Olthuis Kleer Townshend LLP  
250 University Ave, 8<sup>th</sup> Floor  
Toronto, ON M5H 3E5