

1 **IN THE MATTER OF** an application by Newfoundland  
2 and Labrador Hydro for the approval of a capital project to  
3 supply and install 100MW of combustion turbine generation,  
4 pursuant to section 41 of the *ACT*.

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**SIERRA CLUB ATLANTIC  
REQUESTS FOR INFORMATION  
GT-SC-NLH-01 to GT-SC-NLH-10**

**Issued: June 2, 2014**

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- 1 **GT-SC-NLH-01** Please describe how the purchase of the proposed 100 MW combustion  
2 turbine meets the provincial and interprovincial commitments on climate  
3 change outlined in the government's *Charting our Course: Climate Action*  
4 *Plan 2011*.
- 5 **GT-SC-NLH-02** Please provide a complete list of alternative supply options for the 100MW  
6 option, such as wind, solar, etc.
- 7 **GT-SC-NLH-03** Please list all expert information on alternative energy, such as wind and  
8 solar, that the board has availed of in its deliberations.
- 9 **GT-SC-NLH-04** In order to provide a record copy of document(s) already provided  
10 informally, please confirm if you have considered in your deliberation the  
11 report by Jacobson and Delucchi, cited herein (Mark Jacobson and Mark  
12 Delucchi, "Providing all global energy with wind water and solar power,  
13 Part 1: Technologies, energy sources, quantities, and areas of infrastructure  
14 and materials").
- 15 **GT-SC-NLH-05** Please provide data on up-to-date wind technology that could be used as  
16 an alternative supply option in the province.
- 17 **GT-SC-NLH-06** Please provide documentation of all communications or attempts to  
18 explore alternatives, such as wind, solar, or geothermal energy.
- 19 **GT-SC-NLH-07** Please confirm if the PUB has considered up-to-date information on wind  
20 power generation and its suitability for this province instead of the current  
21 supply option.
- 22 **GT-SC-NLH-08** Please provide documentation regarding the greenhouse gas emissions for  
23 this proposed turbine with the expected fuel source.
- 24 **GT-SC-NLH-09** Please provide information showing that the 100MW combustion turbine  
25 has the lowest greenhouse gas emission output of all other alternatives.
- 26 **GT-SC-NLH-10** Please provide a comparison of greenhouse gas emissions across other  
27 alternative energy sources, such as wind.

**DATED** at St. John's, Newfoundland this 2<sup>nd</sup> day of June, 2014.

Per \_\_\_\_\_  
Sierra Club Atlantic,  
Fred Winsor, Intervenor