

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

7 **IN THE MATTER OF** an application by
8 Newfoundland and Labrador Hydro for approval
9 of a capital project to supply and install 100 MW
10 of combustion turbine generation, pursuant
11 to section 41 of the *Act*.

**PUBLIC UTILITIES BOARD
REQUESTS FOR INFORMATION**

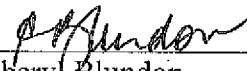
GT-PUB-NLH-43 to GT-PUB-NLH-45

Issued: October 2, 2014

- 1 **GT-PUB-NLH-43** The response to GT-CA-NLH-017, page 2 lines 15-22, lists certain
 2 differences between the proposed 100 MW (nominal) CT and a 60 MW
 3 CT, including that the 60 MW unit was an aero derivative design, not a
 4 frame design as is the 100 MW CT, that the 60 MW unit had an oversized
 5 generator with the ability to generate 120 MW, that the 60 MW unit had
 6 synchronous condenser capability which the 100 MW unit does not and
 7 that the estimate for the 60 MW unit included additional foundation and
 8 equipment for future expansion. Please explain in detail each difference
 9 between the two units and state whether it will be necessary to add to the
 10 100 MW unit any feature that was included with the 60 MW unit but not
 11 yet with the 120 MW unit. If it is not planned to add a feature, explain
 12 why not.
 13
- 14 **GT-PUB-NLH-44** Further to GT-PUB-NLH-43, state the cost to add each additional feature
 15 included in the cost estimate of the 60 MW unit not included in the cost
 16 estimate provided for the 100 MW unit. If a detailed estimate has not been
 17 prepared for a feature, provide Hydro's best current estimate.
 18
- 19 **GT-PUB-NLH-45** The response to GT-NP-NLH-007 states the start up time for the proposed
 20 100 MW (nominal) CT is 40 minutes. The response to GT-CA-NLH-005,
 21 Attachment, page 1 of 2, states the start up time is 21 minutes. The
 22 response to GT-PUB-NLH-006, page 9, states that a total of 276.2 MW of
 23 standby generation, including the new CT, would be available in 10 to 20
 24 minutes, if not already online. Confirm the start time for the proposed new
 25 Holyrood CT and explain how its full capability could be available in 10-
 26 20 minutes as stated in GT-PUB-NLH-006.

DATED at St. John's, Newfoundland this 2nd day of October 2014.

BOARD OF COMMISSIONERS OF PUBLIC UTILITIES

Per 
 Cheryl Blundon
 Board Secretary