

1 Q. **2017 Capital Projects Overview, Volume I, Page 8**

2 *“Therefore, based on the issues noted above and the results of*
3 *condition assessments of the Hardwoods and Stephenville gas*
4 *turbines, Hydro has planned for refurbishment of these facilities to*
5 *ensure that they operate reliably and that their useful service lives*
6 *can be extended as long as can be financially justified. The*
7 *maintenance of the gas turbines at Hardwoods and Stephenville*
8 *Gas Turbine will remain a part of Hydro’s integrated generation*
9 *plan until their expected retirement in 2025 and 2028 for*
10 *Hardwoods and Stephenville, respectively.”*

11 In the response to Request for Information NP-NLH-015 of its *Gas Generator*
12 *Refurbishment – Hardwoods and Stephenville* Application dated May 19, 2016,
13 Hydro stated:

14 *“However, given the recent changes in the Units operating regime*
15 *to support system reliability, Hydro is planning to revisit the long*
16 *term strategy for Hardwoods and Stephenville Gas Turbines.*
17 *Consideration for repowering of both facilities will be included in*
18 *the analysis.”*

19 Please provide an update on the status of any analysis that has been undertaken, or
20 is planned to be undertaken, by Hydro in relation to this Application.

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23 A. It should be noted that as per Board Order No.P.U. 22 (2016) “the Board notes that
24 the long-term strategy for Hardwoods and Stephenville will be addressed as a part
25 of the ongoing Phase II review process”. Hydro continues to reassess the Long Term
26 Strategy for the Hardwoods and Stephenville Gas Turbine Plants in preparation for
27 the Phase II Reliability Assessment. Hydro is currently gathering information from

1 various Rolls Royce Olympus overhaul facilities to determine the long term viability
2 of the Olympus as a prime mover for these facilities. Hydro has also contacted
3 manufacturers of aeroderivative gas turbines to determine the feasibility, cost and
4 schedule for potentially repowering or replacing the facilities.