

1 Q. On page 36 of the *Supply and Install 100 MW (Nominal) of Combustion Turbine*
2 *Generation* report, Hydro states:
3 ***“While synchronous condenser capability is a desirable feature, if its provision***
4 ***would mean delays in the initial in service date of the combustion turbine, it***
5 ***would not be considered critical. This capability will not be required until 2017 and***
6 ***it can be pursued later.”***

7 Please provide Hydro’s best estimate of the future costs that would be incurred to
8 provision synchronous condenser capability on the combustion turbine if it does
9 not currently have synchronous condenser functionality.
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12 A. Hydro has not prepared an estimate of the future cost of providing synchronous
13 condenser capability on the proposed combustion turbine. As stated in the report,
14 synchronous condensing capability would be desirable but it is not the only means
15 of providing the MVAR voltage support required for the HVdc by 2017. Hydro will
16 be assessing all the options for providing the required voltage support, including the
17 addition of synchronous condensing capability to this combustion turbine, and will
18 recommend proceeding with the least cost technically acceptable alternative.