

1 Q. (Re: Application Clause 7) How much time and cost was involved in the black start
2 contingency plan involving the Hardwoods gas turbine?

3

4

5 A. Hydro developed and finalized the blackstart contingency plan involving the
6 Hardwoods gas turbine in 2012 over an approximate six-month period. Following
7 are the two key steps that were involved:

8

9 **Development:** Development included the efforts associated with the development,
10 review and approval of Instruction T-007.

11

12 **Training:** Training included the efforts associated with the development and testing
13 of a simulation and the training of Hydro's Energy Control Centre staff using the
14 Energy Management System - Operator Training Simulator.

15

16 The plan is documented as an Operating Instruction (T-007) and is provided in
17 Hydro's response to CA-NLH-019, Attachment 10.

18

19 Hydro estimates the employee costs incurred to develop this plan at \$12,000.