

1 **Q. Overhaul Steam Turbine Generator, Unit 2, Holyrood**

2 Hydro outlines at p. 6 that Unit 2 has had approximately seven unit starts per year
3 which is considered high and one of the governing factors in any major overhaul
4 schedule. Hydro further outlines on p. 9 that it has mainly been due to system
5 requirements that the unit has averaged approximately seven starts per year.
6 Please provide the number of starts for the last five years for Unit 2, and explain
7 why the system requirements mandate that the unit has to be restarted at such a
8 frequency.

9
10

11 **A.** The statement that seven starts per year is higher than the industrial normal should
12 read “the number of starts would be considered low”. The statement was an error.
13 The number of starts for system requirements reflects that customer demand for
14 power varies with weather. The units at Holyrood are used to meet demand
15 beyond that which can be reliably met from hydroelectric units. In order to
16 minimize fuel consumption, the Holyrood units are shut down when customer
17 demand does not require them to be on. Therefore on milder days, the units are
18 shut down but are restarted on colder days.

19

20 There were 50 starts on Unit 2 between January 1, 2008 and December 31, 2012.

21

22 Please also refer to the response to V-NLH-18.