

1 Q. Reference: Energy Supply Risk Assessment Update, November 30, 2016, page 19,
2 line 1. Hydro states that the Holyrood units are considered available for full load
3 operation “from a reheater tube perspective”. Are the units considered available
4 for full load operation from other perspectives? If no, explain any restrictions on full
5 load that are applicable.

6

7

8 A. At the time of the report writing, considering known general asset condition, the
9 units were available at their full load operation. Hydro used the phrasing “from a
10 reheater perspective” to be clear that the the de-rate related to the lower reheater
11 tubes had been removed through replacement of these tube sections, and not to
12 give the impression that there were no other factors that could restrict load. At the
13 time, Hydro was aware of a building airflow restriction (which is a typically
14 occurring condition and managed through varying levels of intervention each year)
15 on Unit 1 and was actively working on a solution, hoping to address that issue
16 during the early winter air heater wash maintenance. The outcome of that pending
17 work on the available unit load would not be clear until the outage has been
18 executed.

19

20 Since the time of the report writing, Hydro has taken that maintenance outage on
21 Unit 1 to address combustion air flow restrictions that develop under normal
22 operation. The units generally can operate between two and three months before
23 an outage is required to improve air flow. Therefore, completing these outages in
24 early operating season places the need for the next outage later into the winter
25 season. Prior to the recent outage, due to air flow restrictions, the unit was
26 available between 140 MW and 148 MW. Following the outage, the unit is now
27 rated at 160 MW. It is expected that more intrusive work is required to re-establish

1 the unit to 170 MW. Options to re-establish the remaining 10 MW could take
2 several weeks. Hydro continues to plan for the work to re-establish the 10 MW but
3 will likely only execute the work during winter if the unit had to come offline for a
4 similar time period. There are no other other restrictions in place for Unit 1.

5

6 Units 2 and 3 are considered available for full load.

7

8 Hydro reiterates that Units 1 and 2 are generally planned to be operated at 150
9 MW and Unit 3 to be operated at 135 MW unless system conditions require higher
10 loading.