

1 Q. (Re: *2016 Standby Fuel Deferral Application*, February 5, 2016 Report, Page 8, Table
2 5) Table 5 at page 8 of the evidence filed in support of the Application shows that
3 Holyrood TGS Deratings in 2016 are reducing Holyrood's maximum GWh of 2,996
4 GWh by 264 GWhs. At page 7, lines 6 to 7, it states, "*As Holyrood TGS can*
5 *contribute only 2,500 of the 2,700 GWh estimated to be required due to low*
6 *hydrology, the shortfall must be made up using Standby Generation.*" Please detail
7 when the deratings of each unit commenced, the extent of the deratings and
8 Hydro's estimate as to when the deratings will be lifted.

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11 A. A history of the deratings to the Holyrood units in 2016 is provided in CA-NLH-006,
12 Attachment 1. There are ongoing deratings to Holyrood Units 1 and 2 to 120 MW
13 (from 170 MW) due to the condition of boiler tubes. Hydro expects that these
14 deratings will continue up to the time that the units are removed from service for
15 their annual maintenance outages¹.

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17 Hydro continues to investigate the appropriate ratings of the units for the longer
18 term. However at the time of this Application, Hydro made a preliminary
19 assumption, subject to further condition inspection and analysis, that Units 1 and 2
20 will be operated up to a maximum of 160 MW from the time of return to service
21 following annual maintenance, to year end.

¹ Unit 1 is scheduled for annual maintenance from August 15 to October 21. Unit 2 is scheduled for annual maintenance from June 6 to August 19.

Unit No.	Start Date	Derate or Uprate	Revised Rating	Nature of the Issue	PUB Advisory No.	Filing Date
1	20-Nov-15	-15	155	Draft Fan air flow issues	2015-H-434-a-Update	30-Nov-15
1	4-Feb-16	-105	50	Loading decreased during investigation of Variable Frequency Drive issues	2016-H-030-a-Update	5-Feb-16
1	5-Feb-16	70	120	VFD issues resolved, rating increased to 120 MW but unit still limited due to boiler tube condition	2016-H-030-a-Update	5-Feb-16

Unit No.	Start Date	Derate or Uprate	Revised Rating	Nature of the Issue	PUB Advisory No.	Filing Date
2	19-Jan-16	-100	70	Boiler reheater tube Leak	2016-H-024-a	19-Jan-16
2	3-Feb-16	30	100	Return to service following tube maintenance	2016-H-024-a- Updated(2)	3-Feb-16
2	5-Feb-16	20	120	Increase in rating to 120 MW but unit still limited due to boiler tube condition	2016-H-024-a- Updated(3)	5-Feb-16