

1 Q. **2018-2022 Capital Plan, Volume I, Page 5**

2 *“Maintaining the reliability of Hydro’s gas turbine assets, which are relied upon to*
3 *provide stand-by and spinning reserve power, and (with the exception of the*
4 *Holyrood gas turbine) to function as synchronous condensers to help control voltage*
5 *on the Island and Labrador interconnected systems, is a priority.”*

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7 For the period 2017 year to date to 2022, provide the monthly forecast of the
8 number of equivalent starts for the Holyrood gas turbine when operating to provide
9 spinning reserve.

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12 A. Please see the table below for the monthly forecast of the number of equivalent
13 starts for the Holyrood gas turbine when operating to provide spinning reserve for
14 the period September 2017 to 2019. Hydro’s forecast beyond 2019 is still being
15 developed, as indicated in the response to NP-NLH-013.

1 Holyrood Gas Turbine Forecasted Equivalent Starts for Spinning Reserve 2017 to 2019

Month/Year	2017	2018	2019
January		22.1	28.6
February		28.6	28.6
March		20.8	22.1
April		22.1	20.8
May		9.1	9.1
June		1.3	0
July		0	0
August		0	0
September	0	1.3	1.3
October	0	6.5	6.5
November	2.6	6.5	2.6
December	9.1	7.8	9.1
Totals	11.7	126.1	128.7