

1 Q. Has experience over the past year caused Hydro to reassess the availability forecast used in its
2 planning studies for Holyrood TGS?

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5 A. The forced outage rate refers to an input to the Reliability Model, which represents the
6 percentage of hours in a year when a unit is unavailable. Forced outage rate assumptions are
7 developed annually to incorporate the most recent data available. The forced outage rate is
8 calculated using different metrics depending on the primary operating mode of the units.
9 Newfoundland and Labrador Hydro (“Hydro”) consistently provides analyses for a range of
10 Holyrood Thermal Generating Station (“Holyrood TGS”) DAFOR¹ assumptions to provide an
11 indication of the sensitivity of supply adequacy to changes in Holyrood TGS availability. These
12 projections of asset reliability include appropriate consideration of asset availability and
13 deration. The most recent projected availability of the Holyrood TGS considered can be found in
14 Hydro’s assessment of the near-term supply adequacy.²

¹ Derated adjusted forced outage rates (“DAFOR”).

² “Reliability and Resource Adequacy Study – 2022 Update: Volume II: Near-Term Reliability Report – November Report,” Newfoundland and Labrador Hydro, November 15, 2022.