

1 Q. **2018 Capital Projects \$500,000 and Over, Turbine Hot Gas Path Level 2 Inspection**
2 **and Overhaul, Volume I, Page C-12**

3 *“The Holyrood Gas Turbine has been in service since March, 2015. A Combustion*
4 *Overhaul was completed in 2016 when the unit total equivalent starts approached*
5 *400. The manufacturer recommends that a hot gas path level 2 inspection and*
6 *overhaul be completed when the unit total equivalent starts reaches 800. The on-*
7 *going requirement for hot gas path level 2 inspection and overhaul has been*
8 *incorporated into the Holyrood Combustion Turbine asset management practices*
9 *and Hydro expects the unit to reach its first 800 total equivalent starts in 2019.”*

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11 What was the actual number of equivalent starts on the Holyrood gas turbine when
12 it was taken out of service for the 2016 inspection and overhaul?

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15 A. The actual number of equivalent starts (ES) on the Holyrood gas turbine when it
16 was taken out of service for the 2016 inspection and overhaul was 326.3. While the
17 ES threshold for performing the inspection and overhaul is 400, the unit had
18 reached 326.3 ES prior to the start of the 2016-2017 winter operating season and
19 was forecast to reach 400 ES by February 2017. Hydro would not plan to perform
20 major maintenance of its standby generating units during the winter operating
21 season, and thus the inspection and overhaul was completed in advance of the
22 2016-2017 winter operating season.