

1 Q. **Reference: Improve Boiler Load Capacity – Units 1, 2 and 3, Holyrood, June 1,**
2 **2018, Appendix A, B&W Engineering Study Report, Page A15.**

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4 *“Fouling in the Unit #1 and Unit #2 air heaters and economizers occurred between*
5 *2015-16 and 2018. The operating conditions during which this fouling occurred is*
6 *unknown. It is most likely that the economizer fouling occurred start-up operation*
7 *[sic] and the air heater during low load and/or start-up operation.”*

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9 B & W Engineering has suggested that it is most likely that the air heater fouling
10 occurred during low load operations. In recent years, Hydro has operated Unit #1
11 and Unit #2 at low load to provide spinning reserve to the Island Interconnected
12 System. Please fully describe how Hydro proposes to balance these conflicting
13 impacts.

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16 A. Hydro proposes to balance these conflicting impacts by re-instating the Magnesium
17 Oxide (MgO) fuel additive system on each unit, which will reduce the fouling
18 occurring in the air heaters during low load operations.