

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 In light of B&W Engineering’s suggestion that it is most likely that the air heater  
10 fouling occurred during low load operations, does Hydro have a plan to minimize  
11 low load operation of Holyrood?

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14 A. The decision to operate the thermal units at Holyrood at low loads in the upcoming  
15 winter season is aligned with Hydro’s economic dispatch, which minimizes thermal  
16 generation while providing reliable service for customers. Hydro intends to  
17 minimize thermal generation to the extent possible in upcoming winter seasons,  
18 which will result in low load operation of the thermal units at Holyrood.

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20 Hydro has identified a number of ways to mitigate the economizer fouling, which  
21 will help Hydro manage this risk while minimizing supply costs for customers. For  
22 more information on these mitigating measures, please refer to Hydro’s response  
23 to PUB-NLH-001.