

1 Q. Reference: ***Combustor Inspection Major and Overhaul, Holyrood Combustion***  
2 ***Turbine report, August 29, 2016, page 2***

3 *“The Holyrood CT provides several critical functions in reliably supplying customer*  
4 *demand requirements. It is operated to support spinning reserves on the Island*  
5 *Interconnected System and provides a critical backup in the event of a contingency,*  
6 *such as the loss of a major generating unit or the loss of a major transmission line.”*

7 When operating for spinning reserve what is the typical load on the Holyrood CT  
8 and what is the combustion efficiency of the unit at that load?

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11 A. When operating for spinning reserve, the typical load on the Holyrood CT is 40 MW.

12 The efficiency of the unit at 40 MW is approximately 10.9 kWh/gal.