

1 Q. **Reference: 2013 Amended GRA, Section 1: Introduction, page 1.13, lines 8-13**

2 Please quantify the forecasted additional annual hours that the Holyrood units can
3 be shut down as a result of the new CT installation and the positive effect that this
4 is forecast to have on the Holyrood fuel conversion factor.

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7 A. The table below quantifies the forecasted additional annual hours that the
8 Holyrood thermal units can be shut down as a result of the new Holyrood CT
9 installation and the positive effect that this is forecast to have on the Holyrood fuel
10 conversion factor. Hydro estimates that 3,700 unit operating hours could be
11 avoided in 2015 as a result of the new combustion turbine.¹ This is primarily due to
12 reduced requirements during the summer and spring/fall periods. This results in an
13 improvement in fuel conversion factor from 600 kWh/bbl to 607 kWh/bbl.

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2015 Holyrood			
Minimum Operating Requirements and Fuel Conversion Factor			
	<u>With</u>	<u>Without</u>	
	<u>Holyrood CT</u>	<u>Holyrood CT</u>	<u>Impact</u>
Minimum Unit Operating Hours	14,400	18,100	(3,700)
Fuel Conversion factor (kWh/bbl)	607	600	7

¹ Using the load forecast and Holyrood production requirements of the Hydro's Amended Application as the base assumptions.