

1 Q. Further to response to Requests for Information IC-NLH-064 and IC-NLH-093:
2 Please quantify the expected impact on the Holyrood Fuel Conversion factor
3 associated with each Holyrood plant efficiency initiative described in IC-NLH-064
4 and IC-NLH-093.

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7 A. The following completed initiative, described in Hydro's response to IC-NLH-064,
8 will have a quantified expected impact on the Holyrood net fuel conversion factor in
9 2015.

Initiative

Upgrade Unit 3 Air Preheater Steam Condensate System

Estimated Fuel Savings (bbls - annually) 3,166

2015 Test Year Holyrood Production (GWh)	1,593
No. 6 Fuel Usage without Initiative (bbl)	2,627,537
Conversion Factor (kWh/bbl)	606

2015 Test Year Holyrood Production (GWh)	1,593
No. 6 Fuel Usage with Initiative (bbl)	2,624,371
Conversion Factor (kWh/bbl)	607

10 As described in Hydro's response to NP-NLH-192, it is anticipated that the project –
11 *Variable Frequency Drives on Forced Draft Fans*, will be completed in the fall of
12 2015. Following is an estimate of the benefit of this initiative in 2016, using the
13 originally estimated benefit of 34,815 barrels of fuel savings annually.

Initiative

Installation of Variable Frequency Drives on Forced Draft Fans

Estimated Fuel Savings (bbls - annually) 34,815

2016 Forecast Holyrood Production (GWh) 1,651

No. 6 Fuel Usage without Initiative (bbl) 2,723,894

Conversion Factor (kWh/bbl) 606

2016 Forecast Holyrood Production (GWh) 1,651

No. 6 Fuel Usage with Initiative (bbl) 2,689,079

Conversion Factor (kWh/bbl) 614

- 1 The other items described in Hydro's responses to IC-NLH-064 and IC-NLH-093 are
- 2 either not quantifiable or have no impact on station service or the fuel conversion
- 3 factor.