

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.

5

6

7 A. The following completed initiative, previously described in IC-NLH-064, has a
8 quantified expected impact on the Holyrood net fuel conversion factor.

Initiative

Upgrade Unit 3 Air Preheater Steam Condensate System

Estimated Fuel Savings (bbls - annually)	3,166
--	-------

2013 Test Year Holyrood Production (GWh)	1,127
--	-------

No. 6 Fuel Usage without Initiative (bbl)	1,845,278
---	-----------

Conversion Factor (kWh/bbl)	611
-----------------------------	------------

2013 Test Year Holyrood Production (GWh)	1,127
--	-------

No. 6 Fuel Usage with Initiative (bbl)	1,842,112
--	-----------

Conversion Factor (kWh/bbl)	612
-----------------------------	------------

9 The benefit of another project – *Variable Frequency Drives on Forced Draft Fans*, is
10 not expected to be realized until the late 2014 or early 2015 time frame. Following
11 is an estimate of the benefit of this initiative.

Initiative*Installation of Variable Frequency Drives on Forced Draft Fans*

Estimated Fuel Savings (bbls - annually)	34,815
--	--------

2015 Forecast Holyrood Production (GWh)	1,629
---	-------

No. 6 Fuel Usage without Initiative (bbl)	2,631,843
---	-----------

Conversion Factor (kWh/bbl)	619
-----------------------------	------------

2015 Forecast Holyrood Production (GWh)	1,629
---	-------

No. 6 Fuel Usage with Initiative (bbl)	2,597,028
--	-----------

Conversion Factor (kWh/bbl)	627
-----------------------------	------------

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