

1 Q. Re 2011 Capital Plan Section, pages 22 -23, "Holyrood Projects in a No Infeed

2 Scenario:

3 With reference to the table of estimated expenditures at pp. 22-23 of the "2011
4 Capital Plan" section and Appendix B to that section, provide a breakdown of those
5 expenditures which identifies, project by project and year by year, the projects and
6 dollar amounts estimated to be incurred regardless of whether the Lower Churchill
7 project with Island Infeed is sanctioned?

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9

10 A. Please see the table below which does not include the three line items in the table
11 on pages 22 and 23 related to Continuous Emissions Monitoring Systems for Units
12 1, 2, and 3. The project list has been revised to exclude these projects because this
13 type of monitoring system will be provided as part of the large Stack Emissions
14 Cleanup Equipment project listed in the attachment.

IC-NLH-9
NLH 2011 Capital Budget Application

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PROJECT DESCRIPTION	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	TOTAL
Holyrood if Lower Churchill doesn't go ahead (\$000)																
Unit 1 - Boiler		14,500			1,000											
Unit 1 - Turbine	5,450															
Unit 1 - Steam Piping	340	750														
Unit 1 - Condensate System	250	750														
Unit 1 - Feedwater System	2,250															
Unit 1 - Condensers		1,000	400													
Unit 1 - WAM & Air Preheat	3,000															
Unit 1 - Inside Building Fuel System	550															
Unit 1 - Lube Oil System	500															
Unit 2 - Boiler			16,000			1,000										
Unit 2 - Turbine	5,000															
Unit 2 - Steam Piping			750													
Unit 2 - Condensate System		250	750													
Unit 2 - Feedwater System	1,000	750		1,500												
Unit 2 - Condensers	250		750	400												
Unit 2 - WAM & Air Preheat	3,000															
Unit 2 - Inside Building Fuel System	550															
Unit 3 - Boiler	11,000			16,000			1,000									
Unit 3 - Turbine	2,500												2,500			
Unit 3 - Generator																
Unit 3 - Stack & Breeching		3,000														
Unit 3 - Steam Piping		300		750												
Unit 3 - Condensate System				750												
Unit 3 - Feedwater System					1,750				1,500							
Unit 3 - Condensers			250	750	150											
Unit 3 - WAM & Air Preheat		3,000														
Unit 3 - Inside Building Fuel System		550														
Common - Fuel Storage System Supply to Plant	650															
Common - Ambient Air Monitoring Stations			750													
Common - Fuel Unloading Dock and Bldg. Envelope	600	150								50						
Common - Fuel Unloading Equipment						425										
Stack Emissions Cleanup Equipment	60,000	185,000	215,000	110,000												
Holyrood Life Extension without LC Development	20,000	20,000	20,000	20,000	20,000											
Replace burner with low NOx burners	5,100	5,600	6,800													
Upgrade soot blowing controls	3,500															
Holyrood without Lower Churchill	125,490	235,600	261,450	150,150	22,900	1,425	1,000	0	1,500	50	0	0	2,500	0	0	802,065