

1 Q. In light of the comments in PUB 15.0 NLH, why does this assessment have  
2 to be completed in 2007?

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5 A. The assessment should be performed in 2007 to provide Hydro with the  
6 information required to make long term planning decisions in a timely  
7 manner. The table below indicates the operating hours of each unit to the  
8 end of 2005, with projections for the future. One of the alternatives for  
9 redevelopment of the Holyrood site is to build a combined cycle generating  
10 unit. The table illustrates the number of operating hours which will  
11 accumulate during the time required to perform a life assessment study in  
12 2007, review the options, select an alternative, prepare a detailed cost  
13 estimate for a combined cycle generating unit, obtain approvals for its  
14 construction, construct and commission the unit. The table indicates that two  
15 of the existing units will be approaching 200,000 operating hours by the time  
16 a new unit could be constructed. This, coupled with the fact that two of the  
17 units will have reached 45 years of age by that time, indicates that it is  
18 prudent to perform a life assessment study in 2007.

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Year	Activity	H1	H2	H3
1	Life assessment study	160,000	151,000	121,000
2	Review options; select alternative	165,000	156,000	126,000
3	Cost estimate; PUB application	170,000	161,000	131,000
4	Project release, select engineer, begin design	175,000	166,000	136,000
5	Manufacture, construction	180,000	171,000	141,000
6	Manufacture, construction	185,000	176,000	146,000
7	Construction, begin commissioning	190,000	181,000	151,000
8	Release for service	195,000	186,000	156,000