

1 Q. **Re: 2012 Capital Plan**

2 On page 16 of the 2012 Capital Plan Hydro states that: *“Similar age plants have*
3 *been retired or have been subjected to life assessment and extension studies and*
4 *have received large injections of capital to extend their useful lives. Some have been*
5 *redeveloped into other configurations, such as combined cycle plants”*. Please
6 provide a listing of the plants to which Hydro is referring in this statement. In the
7 response provide the name of the plant, its size, its location, its current status
8 (retired or operating) and a summary of the work completed on the plant to extend
9 its life.

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12 A. The statement was made as a general commentary of what has been happening to
13 many thermal plants across North America, gleaned from technical and trade
14 publications and from conversations with colleagues in other utilities. Hydro does
15 not have a comprehensive list of plants which have been redeveloped or that have
16 had their lives extended, nor does Hydro have complete details pertaining to these
17 plants. However, Table 1 below gives examples of plants for which Hydro does have
18 limited information.

Table 1

Plant	Location	Information
Poplar River	Saskatchewan	Two unit coal fired plant commissioned in 1981 and 1983, total net capacity 582 MW. One unit life extension project completed in 2006, cost unknown. Other unit life extension completed in 2008 at a cost of \$140 million with expectation of additional 20-25 years of life.
Coulson Cove	New Brunswick	Three unit oil fired plant with total net capacity of 978 MW, constructed circa 1971, refurbishment and life extension completed in 2004. Life extension component cost \$126 million to extend life to 2030.
Bayside Power	New Brunswick	Originally called Courtney Bay and placed in service circa 1961 as a 100 MW heavy oil fired power plant, it was converted circa 2000 to a natural gas fired combined cycle plant having a capacity of 260 MW.
Clover Bar	Alberta	Originally a 4 x 165 MW natural gas fueled steam turbine plant, built in 1960s and 70s. Re-powered as a simple cycle natural gas fired gas turbine peaking plant with 1 x 43 MW and 2 x 100 MW. First unit on power 2008, third unit on power early 2010