

1 Q. Please confirm that the addition of the hydrometallurgical processing facility
2 forecast for 2012 will require a substantial increase in generating
3 complement well in excess of 600 GWh per year. Please indicate the
4 generating capacity (MW) required by 2012 (compared to the assumptions in
5 Haynes Table 8) to reduce the forecast LOLH below 2.8 hours per year in
6 2012.

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9 A. The hydrometallurgical facility included in Hydro's current long-term planning
10 load forecast is a 50 MW customer load with an associated energy
11 requirement of 394 GWh per year. This load, combined with other load
12 growth, results in a firm energy requirement of 602 GWh by 2012. Based on
13 this load forecast, Hydro will have to add approximately 600 GWh of new
14 energy capability by 2012.

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16 The amount of generating capacity (MW) required to meet the forecast load
17 in 2012 will depend on the characteristics of the resources available to meet
18 the load at that time. It is estimated that approximately 85 MW of additional
19 generation capacity will be required by 2012.