

1 Q. **Project D-29, Overhaul Turbine/Generator Units – Bay d’Espoir and Hinds Lake**

2 The total maintenance costs in 2008 for each of Bay d’Espoir and Hinds Lake were
3 relatively low, at \$39,900 and \$35,800 respectively. Based on a six year frequency,
4 inspections and major overhauls should have been completed in 2008. Confirm
5 inspections and overhauls were done in 2008 as well as the budget for same.

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8 A. Major overhauls for Bay d’Espoir Unit 3 and Hinds Lake were last completed in
9 2009. Two units were planned to be overhauled in 2008, but none were completed
10 due to extensive work at Cat Arm. Bay d’Espoir Unit 5 and Paradise River were also
11 overhauled in 2009. Overhauling Hinds Lake and Bay d’Espoir Unit 3 in 2014 will
12 return to a levelized overhaul program both from cost and maintenance resource
13 requirement perspectives. If the rate of deterioration of the Hinds Lake turbine
14 runner is consistent with previous overhauls, the frequency for the Hinds Lake
15 overhaul will need to be changed to every five years or sooner.

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17 The total preventative maintenance (PM) cost for Hinds Lake in 2009 was \$94,700.
18 The total PM cost for the Bay d’Espoir Unit 3 in 2009 was \$67,500. The majority of
19 this cost would have been for the overhaul. In addition, corrective work,
20 engineering, supervision, travel and other associated costs would have been
21 accounted for separately in travel ledgers that capture all travel associated with
22 that site.