

1 Q. **Projects over \$50,000 but Less Than \$200,000**

2 Tab 9 Upgrade Generator Bearings - Units 1 and 3, Bay d'Espoir:

3 At page 6, Table 2, Hydro outlines the addition of oil to generator bearings due to
4 leakage in litres. Does Hydro have any explanation as to why there was a substantial
5 decrease in oil usage for between 2012 and 2013 for Unit 1, along with a substantial
6 increase in oil usage between 2012 and 2013 for Units 3 and Unit 5?

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9 A. Typically, the generator bearing oil leakage rates increase until maintenance
10 activities are performed to replace the seals on the bearing access covers. After the
11 seals are replaced, the leakage rates typically remain low for 18 to 24 months,
12 before they start increasing again.

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14 The existing generator bearing access covers are deformed in the areas where they
15 are secured to the generator bearing housing, due to repeated removal and
16 installation, making it increasingly more difficult to achieve an effective seal. The
17 proposed redesign of these access covers will make them less susceptible to
18 deformation.