

1 Q. Provide details on all initiatives that Hydro has undertaken over the period
2 1996 to 2006 that would have improved the water to energy conversion
3 factors at each hydraulic plant. (Regulated Activities Evidence, page 39, lines
4 5 to 11)

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7 A. Hydro has undertaken a number of initiatives to improve water to energy
8 conversion factors since 1996. Initiatives include:

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- 10 • Implementation of Economic Dispatch to maintain on-line hydraulic
- 11 unit dispatch at or near optimum;
- 12 • Efforts to maintain maximum head on head-sensitive plants,
- 13 respecting operating level restrictions and spill potential
- 14 considerations;
- 15 • Establishment of Bay d’Espoir conversion factor performance as
- 16 an internal performance indicator;
- 17 • Establishment of monthly Bay d’Espoir conversion factor
- 18 performance reporting; and
- 19 • Implementation of unit commitment software.

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21 Quantification of benefits associated with each initiative is not possible, due
22 to the interplay of numerous factors such as inflow and load variability, unit
23 forced outages and maintenance requirements, as well as the interplay
24 between the initiatives noted above.