

1 Q. Please list any difference in the basis of functional classification between the
2 5 systems. For each of these differences, please provide the justification.

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5 A. Gas turbine and diesel generation receive different treatment among the five
6 systems, depending upon whether or not they are operated as base load
7 generation. On the Island Interconnected system, gas turbine generation
8 provides peaking capacity and, as such, is classified 100% to demand. Gas
9 turbine fuel costs are also classified 100% to demand. Typically, diesel
10 generation would receive similar treatment; however, Island Interconnected
11 diesel generation, and the associated fuel costs, have been assigned to
12 Rural rate classes only, in accordance with the Board's Order No. P.U.7
13 (2002-2003).

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15 On the Island Isolated and Labrador Isolated systems, diesel generation
16 provides both peak and energy service. As such, the related costs have
17 been classified to demand and energy based on the load factor of each
18 system group, similar to Island Interconnected base load hydraulic
19 generation. Fuel has been classified 100% to energy, similar to the
20 treatment of Holyrood (base load) fuel on the Island Interconnected system.

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22 The diesel generation for the L'Anse au Loup system is considered the firm
23 supply source for this system. However, it currently provides a backup
24 function, due to the forecast availability of secondary energy from Hydro-
25 Quebec. Accordingly, this generation has been classified 100% to demand,
26 with the associated fuel classified 100% to energy, providing some balance
27 between demand and energy, without relying on system load factor.

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- 1 On the Labrador Interconnected system, gas turbine and diesel generation
- 2 provided peaking capacity and, as such, are classified 100% to demand.
- 3 Gas turbine and diesel costs are also classified 100% to demand.