

1 Q. Re: Page 32, lines 12 - 14

2 Please indicate the scope of the integrated resource plan considered appropriate for
3 the Province of Newfoundland and Labrador with respect to:

- 4 (a) Fuel substitution for competitive end use energy demands such as space and
5 water heating;
6 (b) Environmental externalities; and
7 (c) Socio-environmental values.

8 A. As stated in the response to NLH 10 CA, the scope of the integrated resource plan
9 including the areas identified above would depend on the IRP framework and
10 schedule agreed to between the Board and Hydro. Mr. Bowman does not foresee the
11 need to develop specific environmental externalities and socio-environmental values
12 – the IRP should be consistent with Government policy and ensure that
13 environmental regulations are met. With regard to fuel substitution, Mr. Bowman
14 believes the full range of demand management and energy conservation possibilities
15 should be reviewed and assessed.

16 The IRP should develop a least cost resource plan taking into consideration the full
17 range of feasible demand and supply options (including renewable and non-
18 renewable generation, distributed generation, transmission/distribution) that is
19 consistent with socio-environmental considerations (Government policy and
20 environmental regulations) while identifying and quantifying risks in the plan (i.e.,
21 variations in forecast demand and primary fuel costs, and the risk that

1 environmental legislation will change). Mr. Bowman suggests that the framework
2 for the IRP begin with a definition of IRP similar to that used by WAPA (see page
3 19, lines 3 to 11, and WAPA references on page 19 of Mr. Bowman's Pre-filed
4 Evidence).