

1 **Q. In NLH's response to CA-70, Hydro indicates that the inputs used in developing its**
2 **load forecast are based on "a combination of direct customer input and/or Hydro's**
3 **analysis for the interconnected and isolated rural systems. The most critical inputs**
4 **for the operating load forecast are for those customers with large power and energy**
5 **requirements from Hydro...". On the assumption that NP qualifies as a customer**
6 **with large power and energy requirements, please provide the following**
7 **information:**

8
9 (a) Does NP develop a load forecast?

10
11 (b) If yes:

12
13 i. What program does NP use to develop the load forecast?

14 ii. What inputs are used in the model?

15 iii. What inputs are most critical to the outcome of the modelling
16 exercise?

17 iv. What period does the most recent load forecast cover?

18 v. Does NP provide the results of this load forecast to Hydro?

19 vi. Please provide a copy of the most recent load forecast prepared by
20 NP?

21
22 (c) If no, what inputs does NP provide to Hydro to assist it in preparing the load
23 forecast it refers to in its response to CA-70- NLH?

24
25 **A. (a) Does NP develop a load forecast?**

26
27 Yes.

28
29 (b) If yes:

30
31 i. What program does NP use to develop the load forecast?

32
33 Newfoundland Power uses a load forecasting methodology developed in
34 Microsoft Excel.

35
36 ii. What inputs are used in the model?

37
38 The inputs along with the methodologies employed are described in detail
39 in the response to CA-1.0 NP.

40
41 iii. What inputs are most critical to the outcome of the modelling
42 exercise?

43
44 All inputs are important to the outcome of the modeling exercise. In the
45 current forecast, energy prices have had a significant impact on load
46 growth. However, forecast results can be impacted by any of the inputs,

or by a combination thereof. The relative impact of specific inputs is dependent on the degree of change in those inputs over time.

iv. What period does the most recent load forecast cover?

The forecast normally covers the current year plus five additional years. In the case of the forecast provided to Hydro in April 2006, the forecast covers the period 2006 to 2011.

v. Does NP provide the results of this load forecast to Hydro?

Newfoundland Power provides Hydro with its load forecast when requested. Typically Hydro has requested Newfoundland Power's load forecast annually in the spring.

vi. Please provide a copy of the most recent load forecast prepared by NP?

A copy of the load forecast provided to Hydro in April 2006 is contained in the response to CA-1.0 NP, Attachment A, pages 2 of 3 and 3 of 3. For consistency, all the forecast information provided by Newfoundland Power in response to Requests for Information in this proceeding corresponds to the forecast used by Hydro for purposes of this proceeding. In June 2006, Newfoundland Power updated its forecast. The latest forecast of 2007 energy purchases is lower by 34.6 GWh (0.7%) and the 2007 forecast native peak is lower by 8.7 MW (0.7%) than the respective values indicated in the forecast provided to Hydro in April 2006.

(c) If no, what inputs does NP provide to Hydro to assist it in preparing the load forecast it refers to in its response to CA-70- NLH?

Not applicable.