

- 1 **Q. Describe how the Planning group or department assists the System Control Centre**
2 **Operators to identify short-term peak load operational forecasts. What methods,**
3 **tools, and software are used?**
4
- 5 A. Newfoundland Power's need for short-term peak load operational forecast is limited.¹
6 Newfoundland Power's operational need for short-term forecast peak load forecasts is
7 primarily for either scheduling equipment outages to avoid customer supply interruptions
8 or reconfiguring the system in the event of forced equipment outages. These short-term
9 load operational planning forecasts do not require the sophistication or accuracy provided
10 by tools and software such as Hydro's Nostradamus short-term forecasting tool. Peak
11 load forecasting for Newfoundland Power's operational needs are extrapolation exercises
12 based on available load data. Data used would include actual and historic peak load on
13 the effected section of the power system, substation and feeder peak load forecasts, and
14 information available for Hydro. Where necessary, software tools such as spreadsheets
15 and load flow models are used to predict peak loads on the various components affected.

¹ For the dispatching of generation and the Company's Curtailable Service Option, the Company relies on coordination with Hydro for predicting overall system load requirements.