

1 Q. **Reference: Request for Information PUB-NLH-007.**

2 a) Please provide the information using a P90 (i.e. high load) forecast.

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5 A. Table 1 provides a calculation of the forecast system peak at P90. Consistent with the current  
6 *Reliability and Resource Adequacy Study Review* assumptions, Newfoundland and Labrador  
7 Hydro (“Hydro”) assumes a P90 forecast adds 60 MW to the Coincident Peak Load; 57 MW for  
8 Newfoundland Power Inc. (“Newfoundland Power”) and 3 MW for Hydro Rural.

**Table 1: Forecast System Peak at P90**

|                                       | <b>Non-Coincident<br/>Peak<br/>(MW)</b> | <b>Coincident<br/>Factor<br/>(%)</b> | <b>Coincident<br/>Peak<br/>(MW)</b> | <b>P90<br/>Addition<br/>(MW)</b> | <b>Total<br/>P90<br/>(MW)</b> |
|---------------------------------------|-----------------------------------------|--------------------------------------|-------------------------------------|----------------------------------|-------------------------------|
| Newfoundland Power                    | 1450.3                                  | 99.44%                               | 1,441.8                             | 57.0                             | 1,498.8                       |
| Island Industrial                     | 91.3                                    | 86%                                  | 78.5                                | -                                | 78.5                          |
| Hydro Rural                           | 94.9                                    | 98%                                  | 93.0                                | 3.0                              | 96.0                          |
| <b>Total Deliveries</b>               |                                         |                                      | <b>1,613.3</b>                      | <b>60.0</b>                      | <b>1,673.3</b>                |
| Transmission Losses                   |                                         |                                      | 70.4                                | 70.4                             | 70.4                          |
| <b>System Electricity Requirement</b> |                                         |                                      | <b>1,683.7</b>                      | <b>130.4</b>                     | <b>1,743.7</b>                |