

1 Q. Page 4, Table 1: Please provide the load forecast which supports the data in this
2 table.

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5 A. Table 1 provides the load forecast detail which supports the P50 Island
6 Interconnected System (IIS) data in Table 1 on page 4. The P50 Avalon Peninsula
7 loads were derived from Hydro's base case load flow models that were developed
8 on the Island load forecast provided in Table 1 on page 4 of the report, and
9 Newfoundland Power's supply point demand forecast consistent with the
10 Newfoundland Power Peak Demand Forecast indicated in the notes on the
11 following table.

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13 The P90 peak loads in Table 1 on page 4 of the report reflect an estimate of overall
14 IIS demand from P90 weather conditions and were apportioned to the Avalon as
15 per Hydro's load flow model.

P50 Peak Demand Forecast for Island Interconnected System (60Hz) (MW)		
	<u>2015-16</u>	<u>2016-17</u>
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Newfoundland Power System		
Peak Demand ¹	1405	1406
Island Coincident Peak Demand	1395	1396
1 Hydro Island Rural System		
Peak Demand ^{2,3}	94	97
Island Coincident Peak Demand	89	91
Industrial Demand		
Maximum Firm Demand ⁴	174	175
Island Coincident Peak Demand	159	160
Losses	70	70
Holyrood Station Service	24	24
Island Coincident Peak Demand ⁵	1737	1741

- Notes:
1. Source is Newfoundland Power Peak Demand Forecast, August 10, 2015.
 2. Source for 2015-16 is NLH Operating Load Forecast, May 27, 2015.
 3. Source for 2016-17 is NLH Planning Load Forecast Initiation, October 2015.
 4. Source is industrial customer power requirements indicated as of October 2015.
 5. Island coincident peak demand is equal to the sum of customer Island coincident peak demands, losses and Holyrood station service.