

1 Q. Please provide confirmation of the firm power to be delivered from MF Generation
2 for each month of the calendar year 2018-2020.

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5 A. The energy that will be delivered from Muskrat Falls (MF) for use on the Island
6 Interconnected System (IIS) each month of the calendar years 2018 to 2020 will be
7 a function of the hydrology in those years both on the Churchill River and on the
8 various Island hydroelectric systems, and the energy requirements of the customers
9 on the IIS.¹ The firm annual energy² capability from the facility is approximately 4.5
10 TWh. In 2018, the delivery of energy from Labrador to the IIS will vary as the
11 commissioning activities of the MF plant progress. The initial forecast annual energy
12 deliveries to Hydro are the Base Block Energy amounts provided in Schedule 2 of
13 the Muskrat Falls Power Purchase Agreement provided in Hydro's response to GRK-
14 NLH-002.

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16 The total amount of generating capacity available to Hydro from the MF plant to
17 meet the peak demand in each month will be the total plant capability less the
18 amount designated to Nova Scotia. Each unit has a 206 MW capability for a total
19 plant capability of 824 MW. The Nova Scotia Block is equal to approximately 169
20 MW and it does not start to flow until after the third unit is commissioned at the
21 plant. The total capacity available to Hydro once the plant is fully commissioned is
22 655 MW.

¹ The Labrador and island hydroelectric generation will be optimized to provide maximum energy production at least cost for supply to Newfoundland and Labrador customers. Energy in excess of requirements for Newfoundland and Labrador customers will be available for export.

² The firm annual energy is defined as the maximum annual energy that can be supported by MF during the critical (dry) hydrologic sequence.