

1 Q. **Reference: Section 4: Rates and Regulation, Section 4.6 Rate Stabilization Plan,**
2 **Pages 4.17 - 4.20**

3 For each hydraulic generation station on the Island Interconnected System from
4 which power is being purchased, please provide the annual average water flow
5 through the generating station. Spillage and other flows that do not go through the
6 generator should be omitted. The flows should include historical averages from all
7 available sources, such Hydro, Nalcor, the Water Resources Department, files from
8 the owners prior to the expropriation, etc.

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11 A. Hydro purchases power from the following hydroelectric stations:

12 • Star Lake;
13 • Grand Falls;
14 • Bishop's Falls;
15 • Buchans; and
16 • Rattle Brook.

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18 Only limited information on flow used for generation is available.

19 • The average annual flow through the units at Grand Falls, based on data
20 from 1998 to 2012, is 6,730 million m³;
21 • The annual average water flow through Star Lake Generating Station based
22 on data for the period 2000 to 2012 is estimated to be 479 million m³;
23 • An estimate of the turbined flows for Bishop's Falls, made using generation
24 data from 2003 to 2012 and an average conversion factor, is
25 5,820 million m³; and
26 • An estimate of the turbined flows for Buchans, made using generation data
27 from 1998 to 2012 and an average conversion factor, is 340 million m³.

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- 1 No information regarding flows through the generating station at Rattle Brook is
- 2 available.