

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 2013, is 6,740 million m<sup>3</sup>;  
21           • The annual average water flow through Star Lake Generating Station based  
22           on data for the period 2000 to 2013 is estimated to be 478 million m<sup>3</sup>;  
23           • An estimate of the turbined flows for Bishop's Falls, made using generation  
24           data from 2003 to 2013 and an average conversion factor, is  
25           5,740 million m<sup>3</sup>; and  
26           • An estimate of the turbined flows for Buchans, made using generation data  
27           from 1998 to 2013 and an average conversion factor, is 350 million m<sup>3</sup>.

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