

1 **Q. At pages 2-21 to 2-32, it appears that despite the rugged terrain Newfoundland**  
 2 **Power’s system has proven very reliable in the face of increased significant events.**  
 3 **Can NP confirm this judgement and compare its system over the period 2010-2017**  
 4 **with that of Nova Scotia Power, Maritime Electric and New Brunswick Power on**  
 5 **the basis of the age of the plant and equipment in its system, for example, using net**  
 6 **to gross plant in service or any other metric the company judges to be more useful.**

7  
 8 A. Newfoundland Power confirms that, in the face of significant events, its system has  
 9 proven very reliable.

10  
 11 Table 1 provides the average duration of customer outages over the period 2010 to 2017  
 12 for Newfoundland Power and utilities in the Maritime Provinces.<sup>1</sup>

**Table 1**  
**SAIDI**  
**(2010-2017)**

	<u>Normal</u>	<u>SE</u>	<u>Total</u>
<b>Newfoundland Power</b>	2.46	2.59	5.05
<b>Maritime Provinces</b>	3.19	7.93	11.12

13 From 2010 to 2017, the average duration of outages experienced by Newfoundland  
 14 Power’s customers has been approximately 1/3 the Maritime average during significant  
 15 events.<sup>2</sup>

16  
 17 The reliability experienced by Newfoundland Power’s customers principally reflects the  
 18 general condition of the Company’s electrical system. Newfoundland Power maintains  
 19 the condition of its electrical system by applying mandatory construction and  
 20 maintenance standards and by using inspection and maintenance guidelines that reflect  
 21 industry best practices. Due to the harsh weather conditions experienced in  
 22 Newfoundland Power’s service territory, national standards require the Company’s  
 23 electrical system to be built to a higher standard than in the Maritime Provinces. This  
 24 contributes to the reliability performance shown in Table 1.

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 26 For more information on the standards to which Newfoundland Power’s electrical system  
 27 is constructed and maintained, please see response to Request for Information  
 28 CA-NP-022.

<sup>1</sup> This data was obtained through the Canadian Electricity Association (“CEA”) and includes Nova Scotia Power, Maritime Electric and NB Power. Due to a confidentiality agreement, Newfoundland Power is only able to provide aggregate data. The Company does not have asset data (i.e. asset age, value) for these utilities.

<sup>2</sup> 2.59 / 7.93 = 0.33, or 33%.