

1 **Reference: “2023 Capital Budget Application,” Newfoundland Power Inc., June 29,**
 2 **2022, Schedule B, p. 9, para. 4 (Distribution Reliability Initiative).**

3
 4 **Q. Customers served by this feeder experienced an average outage**
 5 **duration of 8.0 hours annually over the last five years, which is**
 6 **more than four times Newfoundland Power’s corporate average.**
 7 **The frequency of outages experienced by these customers on**
 8 **New World Island is more than double the corporate average.**

9
 10 **Please provide a comparison of the System Average Interruption Duration**
 11 **Index (“SAIDI”) and System Average Interruption Frequency Index (“SAIFI”)**
 12 **performance of this feeder compared to the Electricity Canada Region 2**
 13 **average.**

14
 15 A. The data used in the *Distribution Reliability Initiative Report* includes unscheduled
 16 distribution outages only.¹

17
 18 Table 1 provides a comparison of the five-year average SAIDI and SAIFI performance of
 19 distribution feeder SUM-01 compared to the Electricity Canada Region 2 average.

Table 1 Electricity Canada – Region 2 ²							
	2017	2018	2019	2020	2021	Avg	SUM-01
SAIDI	4.90	4.57	4.73	4.53	3.93	4.53	7.98
SAIFI	1.83	1.91	1.88	1.85	1.71	1.84	2.89

20 The reliability performance of distribution feeder SUM-01 is on average 76% worse for
 21 SAIDI and 57% worse for SAIFI when compared to the Electricity Canada Region 2
 22 averages.

¹ The distribution feeder SUM-01 reliability data excludes loss of supply and scheduled outages.

² The Electricity Canada Region 2 SAIDI and SAIFI data excludes loss of supply and scheduled outages for comparison to the distribution feeder SUM-01 reliability data.