

1 **Reference: "2023 Capital Budget Application," Newfoundland Power Inc., June 29,**
 2 **2022, Report 3.1 2023 Transmission Line Rebuild, p. 4, sec. 4.2.**
 3

4 **Q. a) Please provide the outage minutes per customer served on**
 5 **Transmission Line 55L for each year over the period 2012–2021.**
 6

7 **b) Does Newfoundland Power consider the level of service provided by**
 8 **Transmission Line 55L in 2021 to be reliable? If not, why not?**
 9

10 **A. a)** Table 1 provides the outage minutes per customer for Transmission Line 55L for
 11 each year over the period 2012 to 2021.

Table 1 55L Outage Minutes Per Customer (2012-2021)	
Year	Outage Minutes/Customer
2012	0
2013	0
2014	0
2015	0
2016	34
2017	262
2018	0
2019	0
2020	240
2021	334

12 **b)** The reliability performance of Transmission Line 55L can be attributed to the
 13 *Company's Transmission Inspection and Maintenance Practices*. In accordance
 14 with these practices, transmission lines are maintained to operate to a high
 15 standard of reliability and, as a result, have not had a material impact on the
 16 average service reliability provided to customers in recent years.¹
 17

18 Reliability indices, as requested above, are lagging indicators that encompass
 19 historical issues on the electrical system. Waiting for reliability on the
 20 transmission system to degrade before undertaking capital investments would

¹ See the *2023 Capital Budget Application, Schedule B*, page 110.

1 result in a poor quality of service being experienced by large numbers of
2 customers for several years. Such an approach would not recognize the
3 criticality of transmission lines in serving customers and would be inconsistent
4 with the provincial power policy.
5

6 Newfoundland Power relies on an assessment of a transmission line's condition
7 and its criticality in serving customers when determining whether a transmission
8 line should be rebuilt. While the Company considers the level of service provided
9 by Transmission Line 55L to be reasonably reliable in 2021, the line's sub-
10 standard design and deteriorated condition pose a risk to the delivery of reliable
11 service to customers.