

- 1 **Q. (Reference Application, 3.1 2024 Transmission Line Rebuild, page 1) It is**
2 **stated “Transmission line failures typically result in outages to a significant**
3 **number of customers at once.” How many customers would experience an**
4 **outage if the 66kV transmission line between King’s Bridge and MUN or the**
5 **66kV transmission line between Stamp’s Lane and MUN failed? What is the**
6 **likelihood of both of these lines being out of service at the same time?**
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- 8 A. The 66 kV lines between MUN and King’s Bridge substations and between MUN and
9 Stamp’s Lane substations form part of the complex 66 kV transmission system which
10 provides service to customers located in the St. John’s Region.¹ Under normal operating
11 conditions, zero customers would experience an outage if either one of these two
12 transmission lines failed independently. The likelihood of both of these transmission
13 lines being out of service at the same time is low but remains possible.²

¹ See the response to Request for Information CA-NP-089, part g).

² For example, as a result of Hurricane Larry in September 2021, both 12L (MUN to King’s Bridge) and 73L (Hardwoods to Glendale) transmission lines were out of service in the St. John’s Region at the same time.