

Q. (Reference 3. 1 - Transmission Line 100L Rebuild)

a) For each of the outages summarized in Table 2 (page 9), how many customers were affected and for how long?

b) How many planned and unplanned outages occurred on Line 100L during 2024 and so far during 2025.

A. a) Three of the outages summarized in Table 2 resulted in outages to customers. The December 2023 outage resulted in 49,272 customer outage minutes. Additionally, the February 2013 and April 2015 outages were the result of widespread blizzard/severe weather events causing outages to numerous substations and transmission lines and resulting in outages to customers.

b) There have been two outages on Transmission Line 100L during 2024 and during 2025 to date. One planned outage occurred on the line in November 2024, and one unplanned outage occurred in July 2025.

Reliability indices, such as the number of outages experienced by a transmission line, are lagging indicators that encompass historical issues on the electrical system. Waiting for reliability on the transmission system to degrade before undertaking capital investments would result in a poor quality of service being experienced by large numbers of customers for several years. Newfoundland Power relies on an assessment of a transmission line's condition and its criticality in serving customers when determining whether a transmission line should be rebuilt.