

Reference: 3.1 2024 Transmission Line Rebuild

Q. Footnote 63 on page 82 of Schedule B states that there have been three outage events over the last five years to Transmission Line 146L due to requirements to undertake preventative and corrective maintenance. Please provide details on each of these three outages, including the reason for the outage, the date, duration and number of customers affected.

A. Transmission Line 146L has experienced three outage events over the last five years. Table 1 provides a list of these outages including the reason for the outage, the date, duration and number of customers affected.

Table 1 146L Outage Events and Durations (2018 to 2022)				
Date	Planned/ Unplanned	Outage Cause	Duration (Hours)	
November 29, 2018	Unplanned	Severe Weather ¹	3.5	
December 10, 2019	Planned	Preventative Maintenance ²	29.8	
July 18, 2022	Unplanned	Equipment Failure ³	44.2	

Transmission Line 146L is part of the Central Newfoundland 138 kV looped transmission system extending from Stony Brook Terminal Station in the west to Sunnyside Terminal Station in the east. As a result of the looped configuration of the Central Newfoundland 138 kV transmission system, removing Transmission Line 146L from service alone will not result in customer outages. Another 138 kV transmission line on the system would also have to be out of service at the same time. This was not the case during any of the three outage events listed in Table 1. As such, no customers were affected by either of these three outages.

¹ A severe windstorm caused on outage on Transmission Line 146L along with a number of other transmission lines including 108L, 102L, 115L, 116L and 140L.

² Transmission Line 146L was taken out of service to accommodate the completion of preventative maintenance work.

³ Transmission Line 146L experienced an unplanned outage due to equipment failure. Damaged insulators were identified as the cause of the outage and were replaced.