

Q. Tab 4.1 Distribution Reliability Initiative

Newfoundland Power indicates at page 3 that analysis of the outage data reveals that equipment failure has been the cause of most of the outages experienced along distribution feeders KBR-10 and MOL-09. What equipment failures are occurring and when did they occur?

A. The major equipment failures on KBR-10 over the period 2009 to 2013 are listed in Table 1 below.

Table 1
KBR-10 Equipment Failure
2009 to 2013

Date	Equipment
January 30, 2009	Cutout
September 9, 2009	Metering Tank
September 15, 2009	Transformer
November 7, 2009	Cutout
January 20, 2010	Cutout
January 17, 2011	Transformer
March,15, 2011	Transformer and Cutout
March 20, 2011	Transformer
April 19, 2011	Conductor
May 25, 2011	Transformer
July 11, 2011	Aerial Cable
March 17, 2012	Cutout
September 5, 2012	Transformer
September 16, 2012	Insulator
October 1, 2012	Transformer
February 16, 2013	Aerial Cable
February 17, 2013	Pole
April 18, 2013	Conductor
August 11, 2013	Insulator

The major equipment failures on MOL-09 over the period 2009 to 2013 are listed in Table 2 below.

Table 2
MOL-09 Equipment Failure
2009 to 2013

Date	Equipment
March 13, 2009	Conductor
April 5, 2009	Cutout
June 23, 2009	Cutout
June 26, 2009	Cutout
August 11, 2009	Cutout
November 16, 2009	Cutout
December 1, 2009	Pole
December 29, 2009	Insulator
January 21, 2010	Cutout
March 1, 2010	Cutout
April 28, 2010	Cutout
June 18, 2010	Crossarm
June 21, 2010	Pole
August 12, 2010	Pole
September 4, 2010	Transformer
October 25, 2010	Cutout
November 26, 2010	Transformer
January 19, 2011	Cutout
March 4, 2011	Transformer
March 15, 2011	Cutout
November 5, 2011	Conductor
February 20, 2012	Cutout
March 22, 2012	Transformer
May 25, 2012	Conductor
September 13, 2012	Conductor
November 2, 2012	Pole & Transformer
March 1, 2013	Cutout
May 2, 2013	Insulator
August 17, 2013	Cutout
November 4, 2013	Conductor