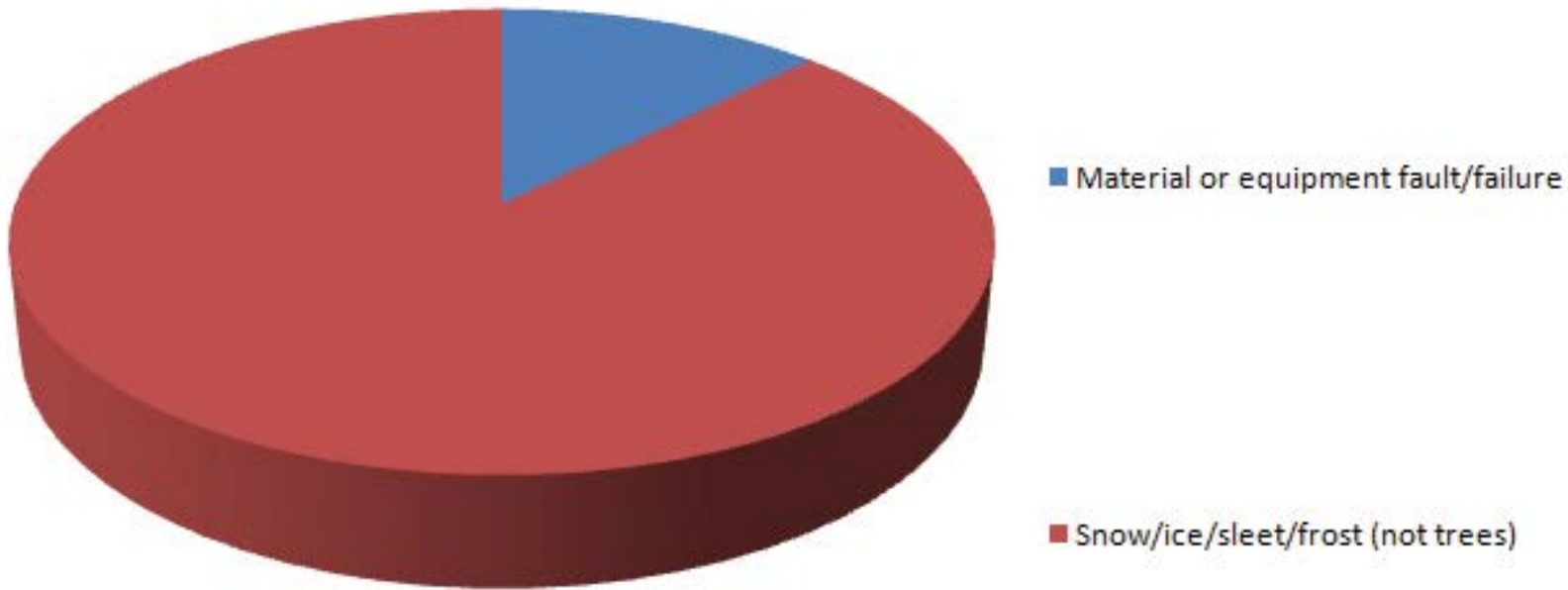
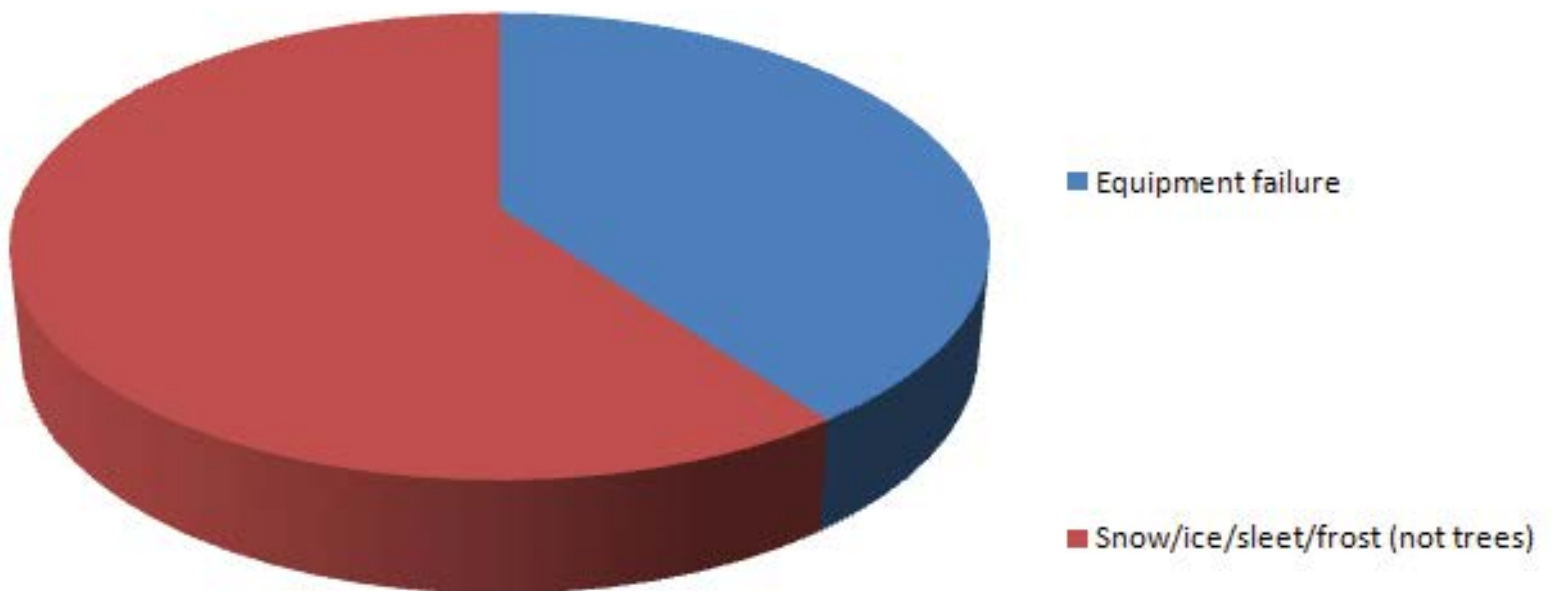


December 2015 Copper Basin Outages 8 Outages



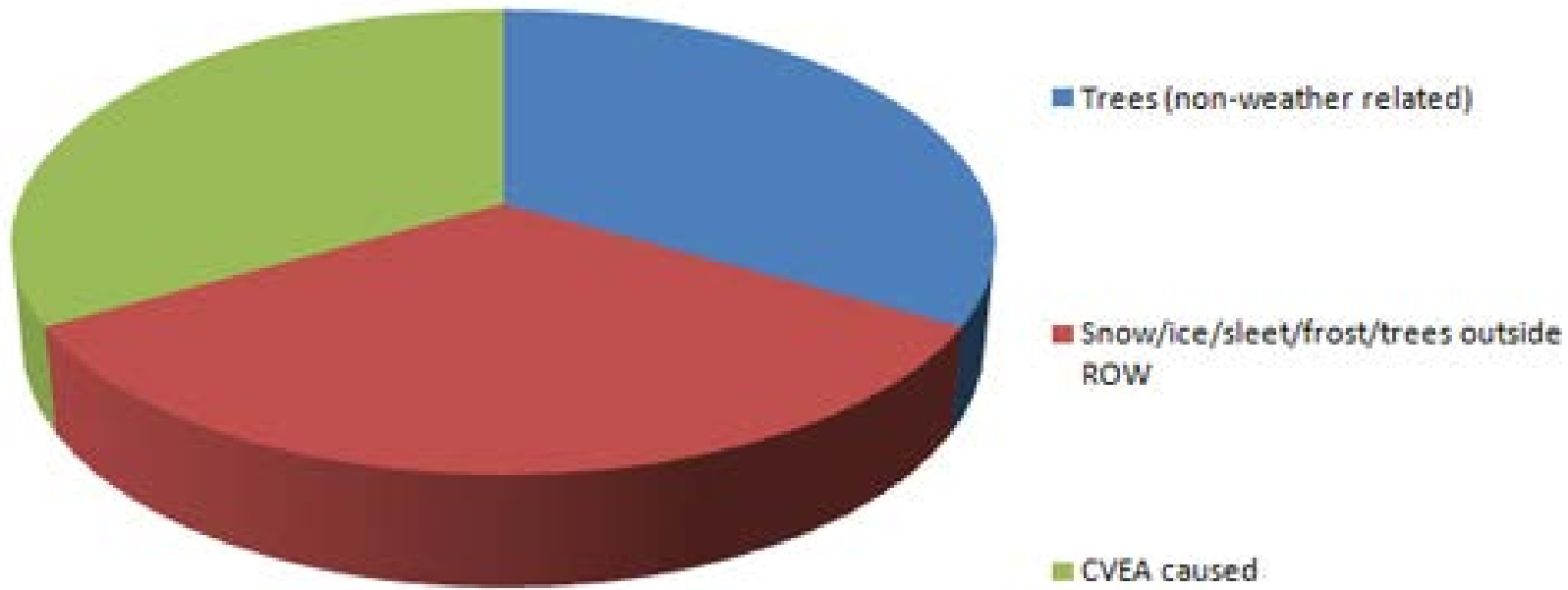
Line slap as a result of snow and ice on the lines caused 7 of the 8 outages in the Glennallen district this month.

November 2015 Copper Basin Outages 5 Outages

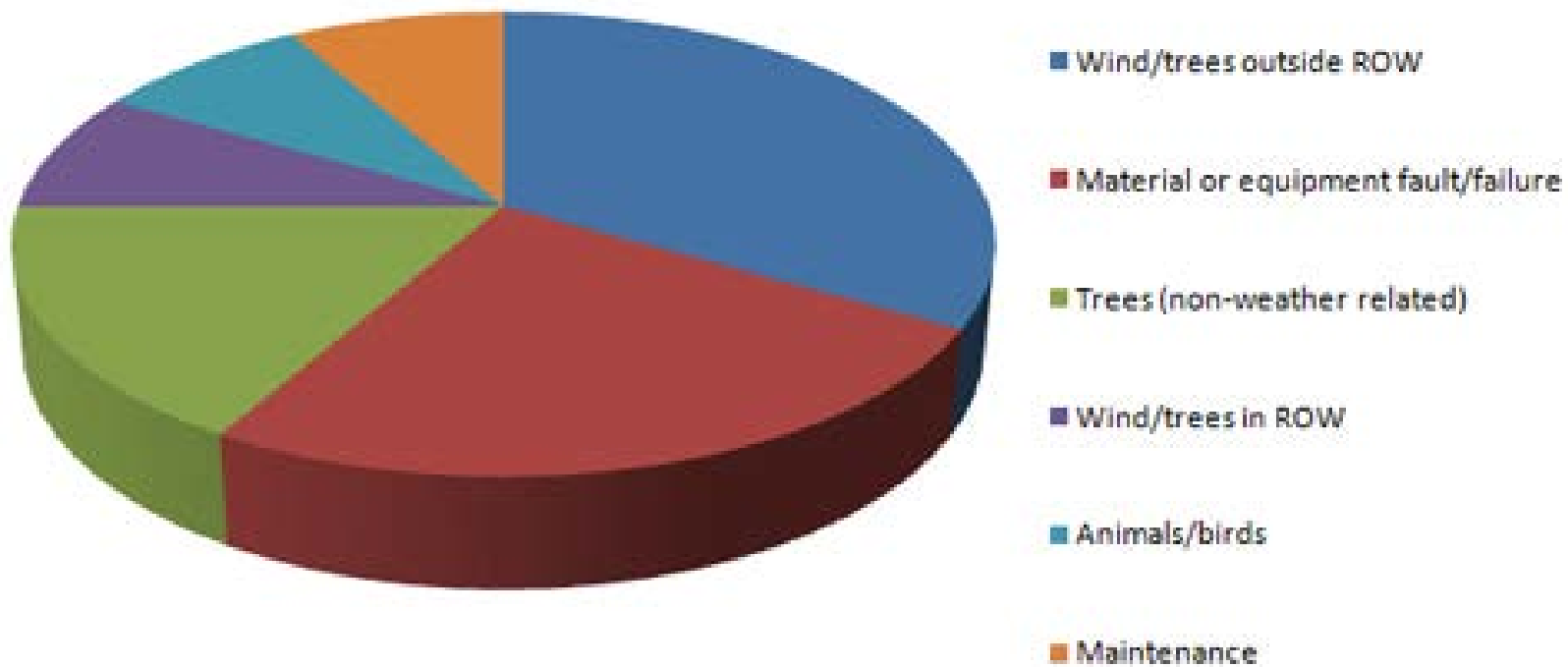


Overall, November was a pretty good month for outages in the Glennallen district. All of the outages affecting more than one customer were less than 30 minutes in duration. The untimely outages the night of November 25th and on into Thanksgiving Day, November 26th were directly related to improper settings in a handful of new digital relay controllers in our substations. These settings have been uploaded with the correct settings.

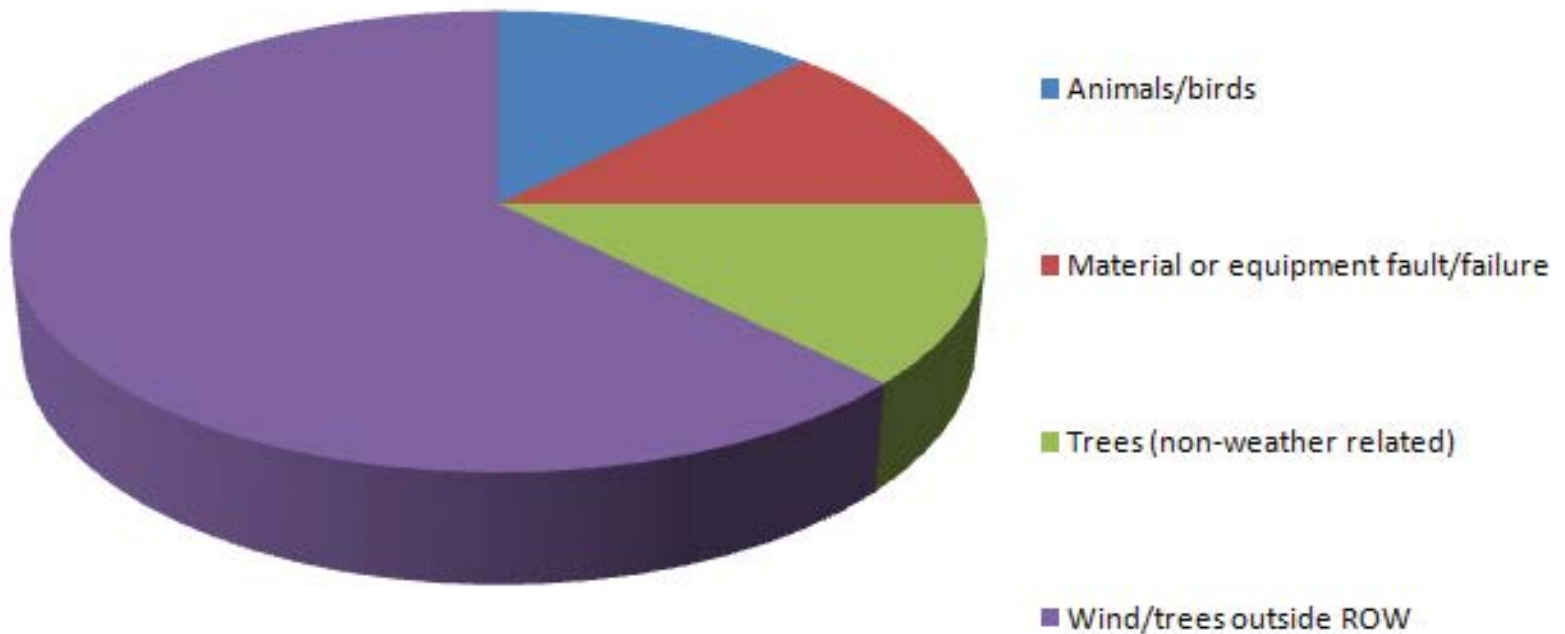
October 2015 Copper Basin Outages 3 Outages



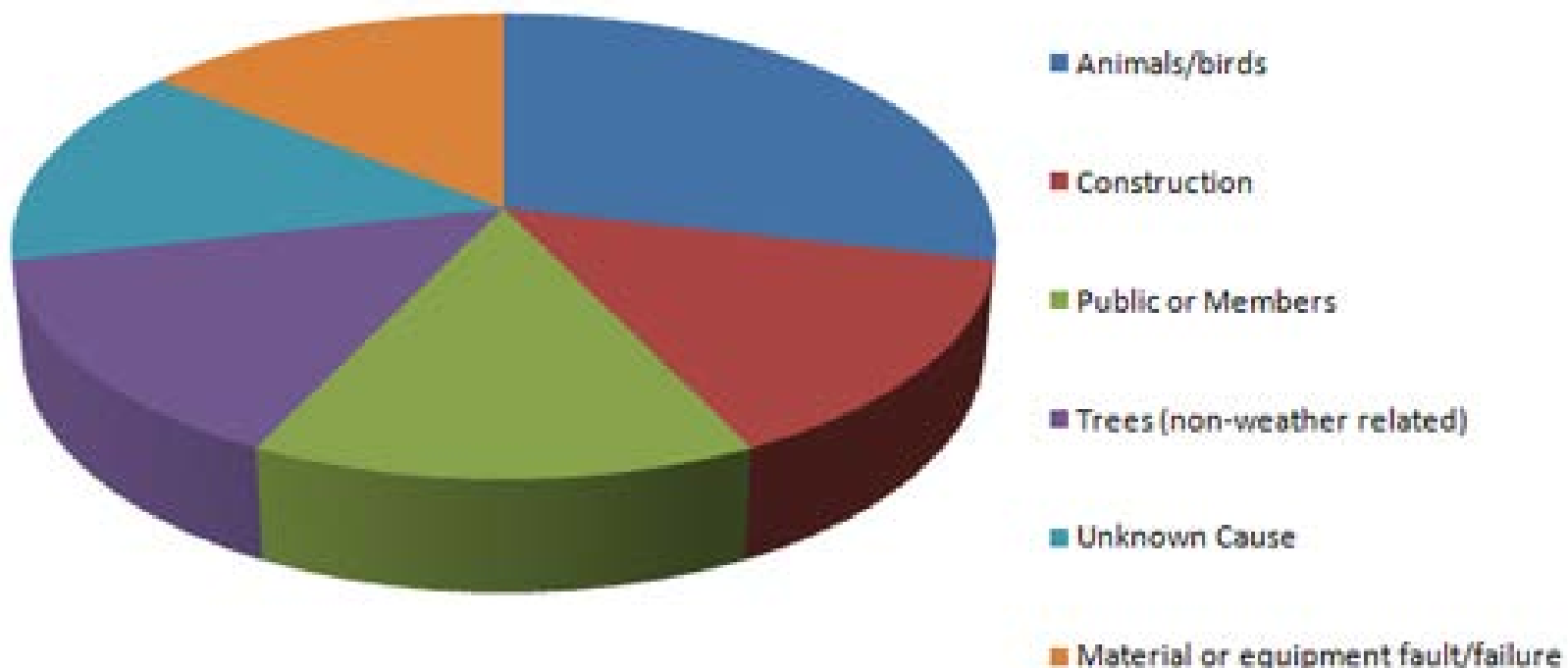
September 2015 Copper Basin Outages 12 Outages



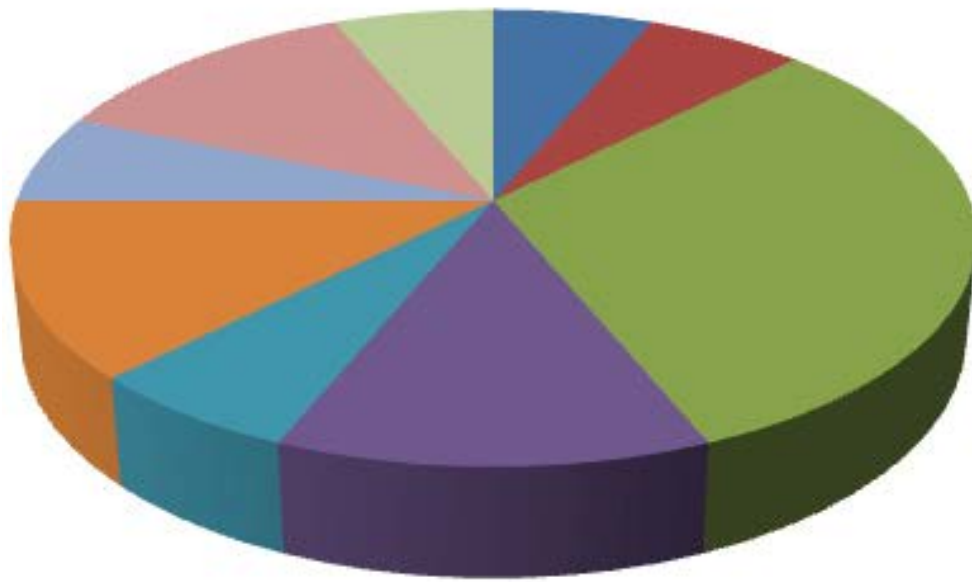
August 2015 Copper Basin Outages 8 Outages



July 2015 Copper Basin Outages 7 Outages

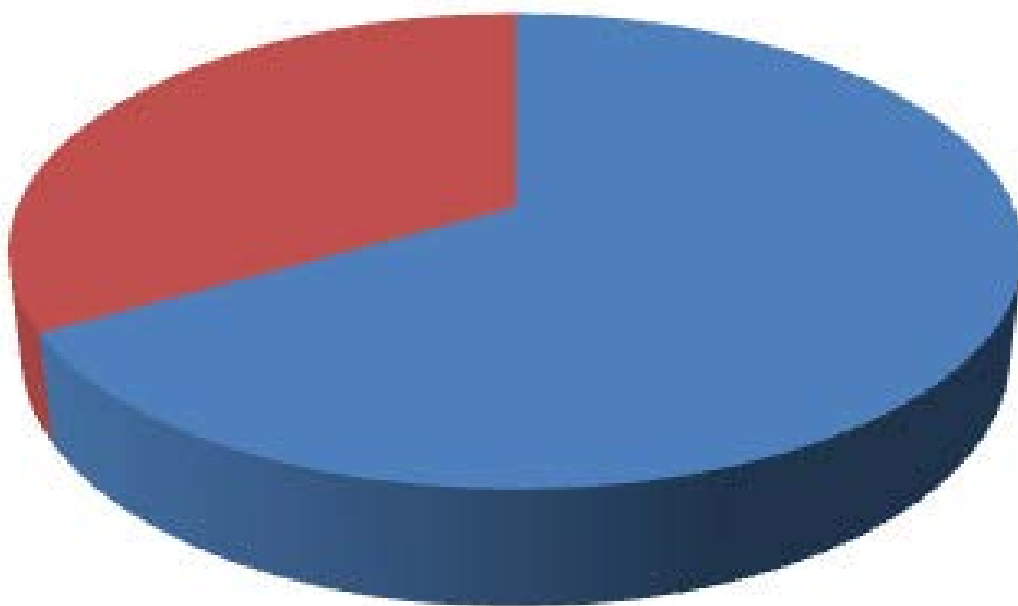


June 2015 Copper Basin Outages 16 Outages



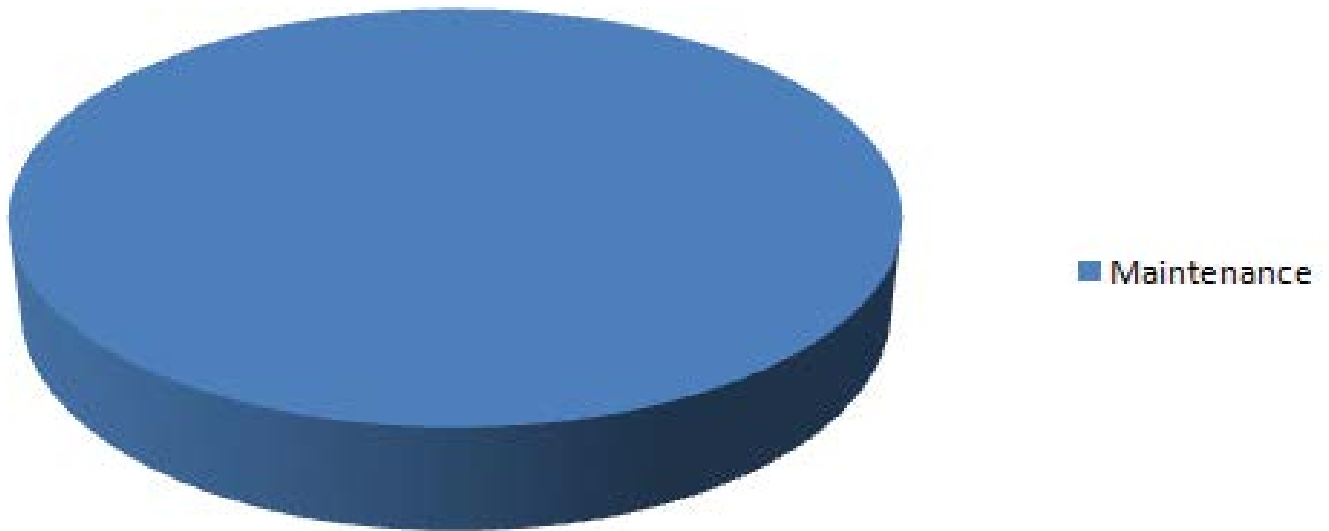
- Unknown Cause
- Wind/trees outside ROW
- Trees (non-weather related)
- Material or equipment fault/failure
- Equipment failure
- Maintenance
- Animals/birds
- Construction
- Lightning

May 2015 Copper Basin Outages 3 Outages



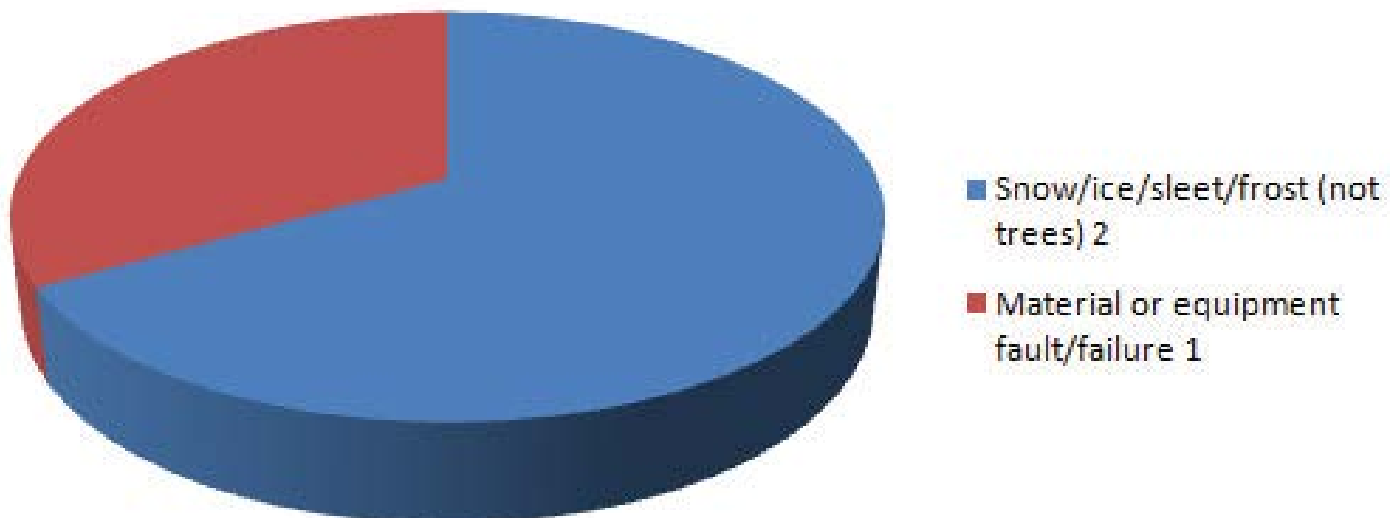
- Wind/trees in ROW
- Material or equipment fault/failure

April 2015 Copper Basin Outages 2 Outages



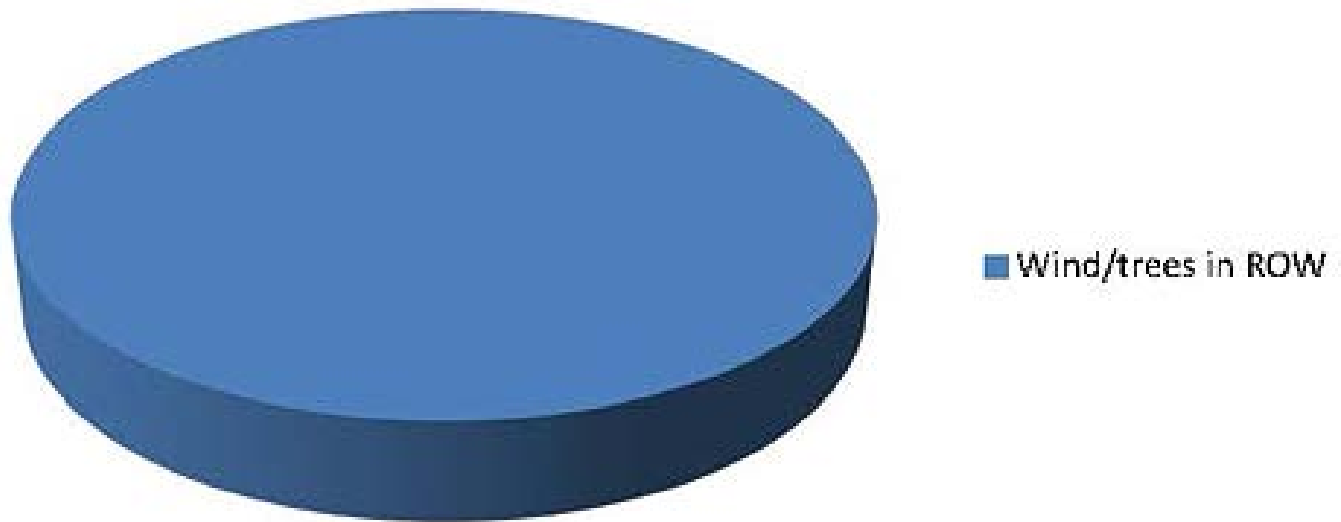
Both outages in the Copper Basin in April were for scheduled maintenance. This maintenance has improved the reliability of the pipeline circuit north of Glennallen.

March 2015 Copper Basin Outages 3 Outages



February 2015 Copper Basin Outages

1 Outage



The sole outage for the Copper Basin district was a total systemwide outage that was caused by extremely high winds in the Valdez district.

January 2015 Copper Basin Outages

8 Outages



All 8 outages for January 2015 in the Copper Basin were weather-related outages that resulted from snow and ice accumulation on the lines. Occasionally when the snow and ice falls off the line, it causes the lines to bounce and momentarily entangle on other lines. When this happens fuses blow preventing further damage. The silver lining is that all of the outages were localized and not wide spread.