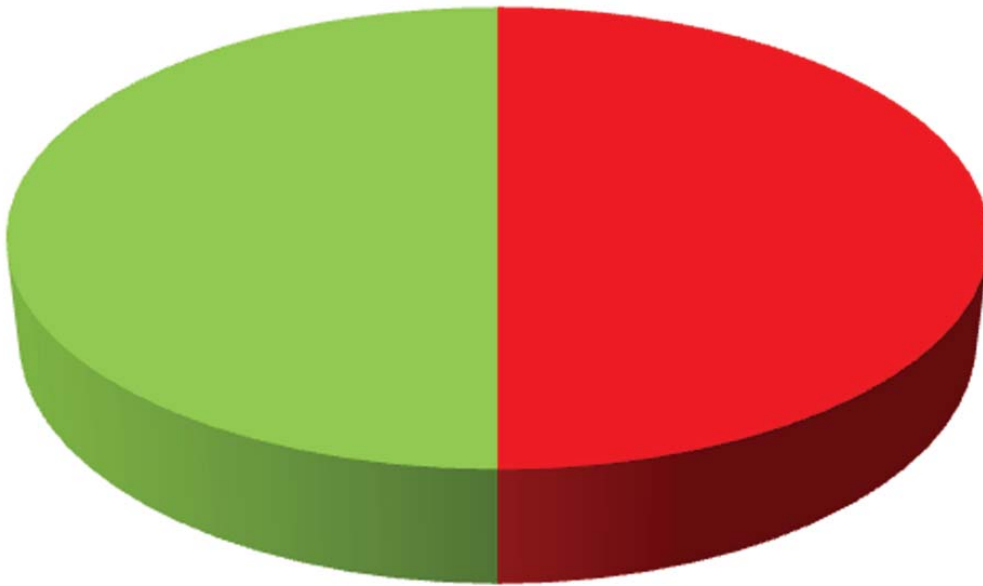


October 2018 Copper Basin Outages 2 Outages



■ Animals/birds

■ Wind/trees in ROW

September 2018 Copper Basin Outages 8 Outages



■ Material or equipment fault/failure

■ Trees (non-weather related)

■ Unknown Cause

■ Wind/trees outside ROW

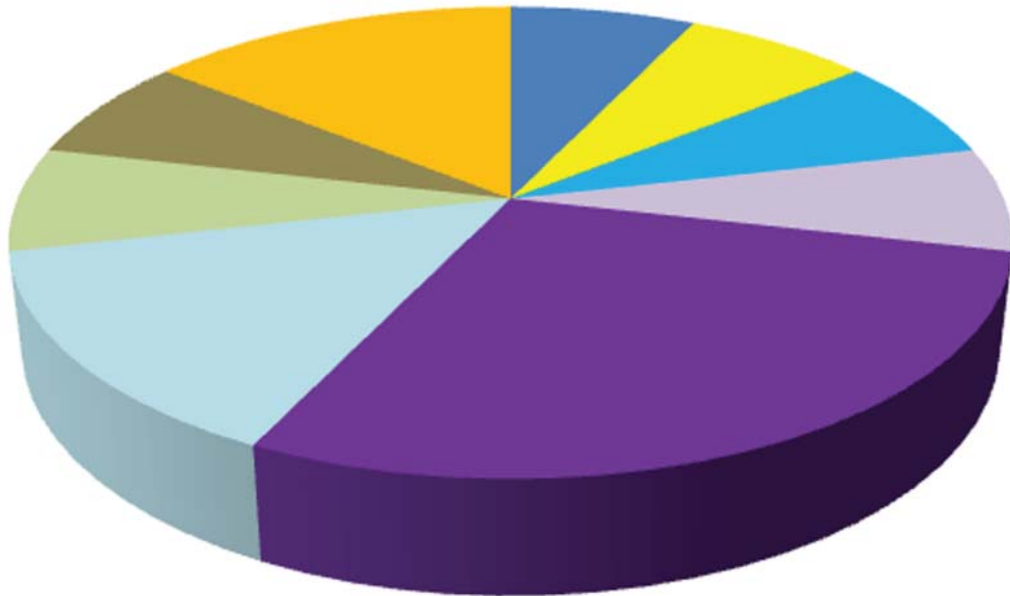
■ Construction

■ Animals/birds

■ Public or Members

On September 28 a tree from outside the ROW fell onto the transmission line in a section that had been cleared earlier in the summer causing a system wide outage

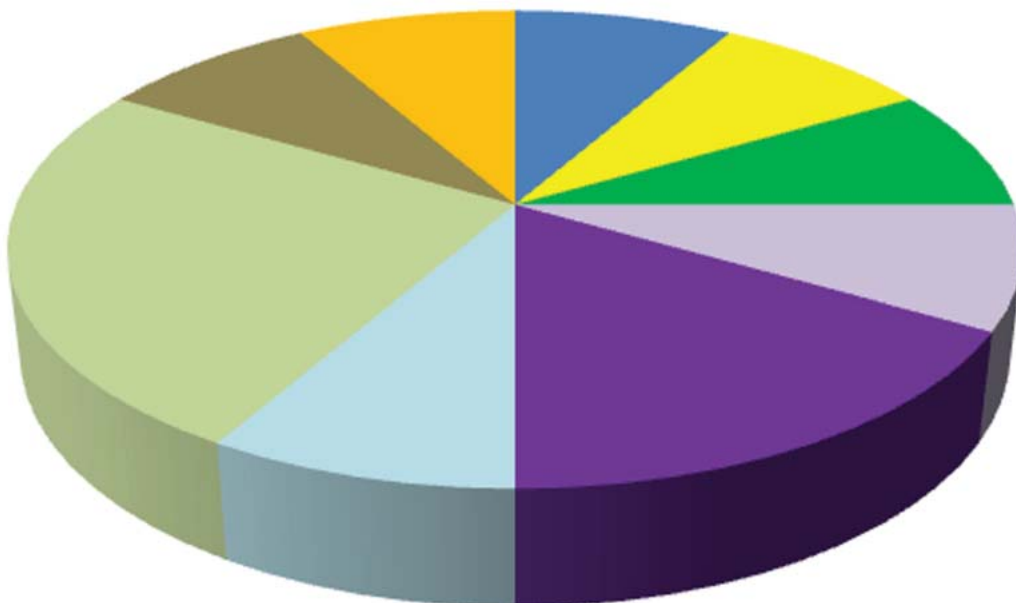
August 2018 Copper Basin Outages 14 Outages



- CVEA caused
- Equipment failure
- Unknown Cause
- Public or Members
- Wind/trees outside ROW
- Maintenance
- Operator error
- Trees (non-weather related)
- Material or equipment fault/failure

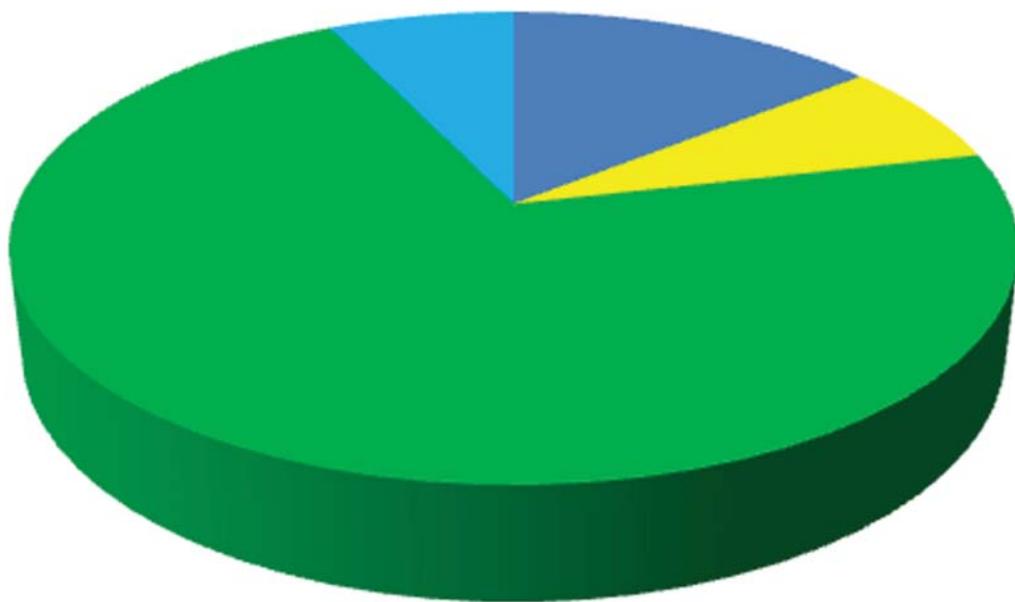
Heavy winds cause a number out outages in the Copper Basin in August knocking trees into the line from outside the right of way

July 2018 Copper Basin Outages 12 Outages



- Material or equipment fault/failure
- Construction
- Operator error
- Switching
- Wind/trees outside ROW
- Maintenance
- Trees (non-weather related)
- Public or Members
- Animals/birds

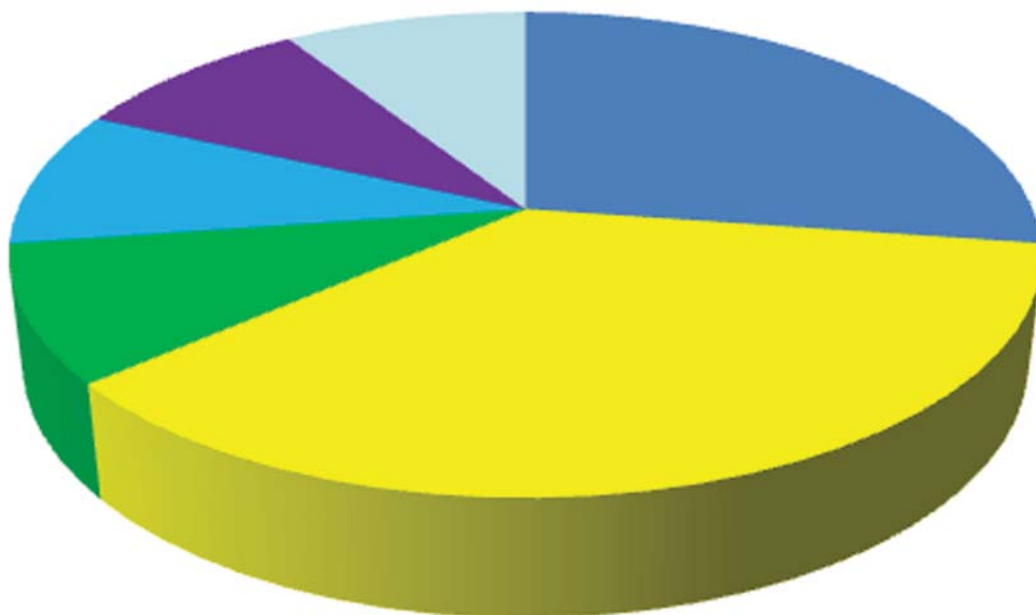
June 2018 Copper Basin Outages 14 Outages



■ Animals/birds ■ Equipment failure ■ Wind/trees outside ROW ■ Wind/trees in ROW

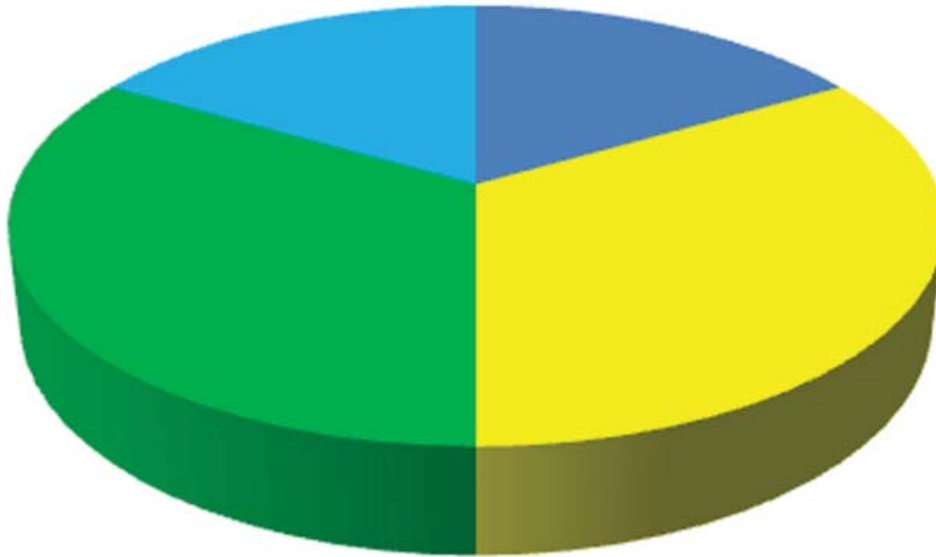
Stronger than normal wind events accounted for a majority of the tree related outages between June 18 and 19.

May 2018 Copper Basin Outages 11 Outages



■ Material or equipment fault/failure ■ Trees (non-weather related)
■ Unknown Cause ■ Maintenance
■ Public or Members ■ Construction

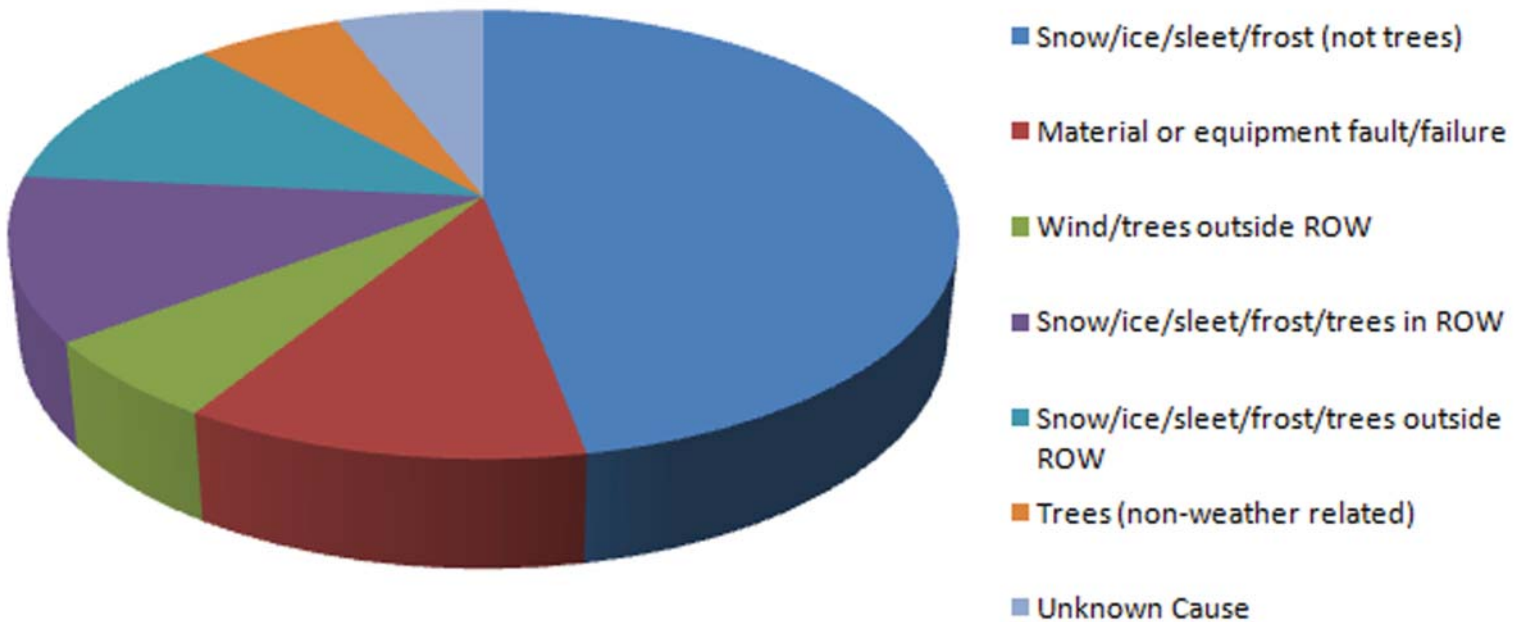
April 2018 Copper Basin Outages 6 Outages



■ Maintenance ■ Wind/trees outside ROW ■ Wind/trees in ROW ■ Material or equipment fault/failure

The majority of the outages in the Copper Basin were due to very strong winds

January 2018 Copper Basin Outages 17 Outages



Heavy snowfall continued to cause a majority of the outages in the Copper Basin in January. Even with the linecrew attempting to clear off the lines south of Kenny Lake the heavy snowfall caused lines to weigh down causing multiple crossarms to break resulting in extended outages.