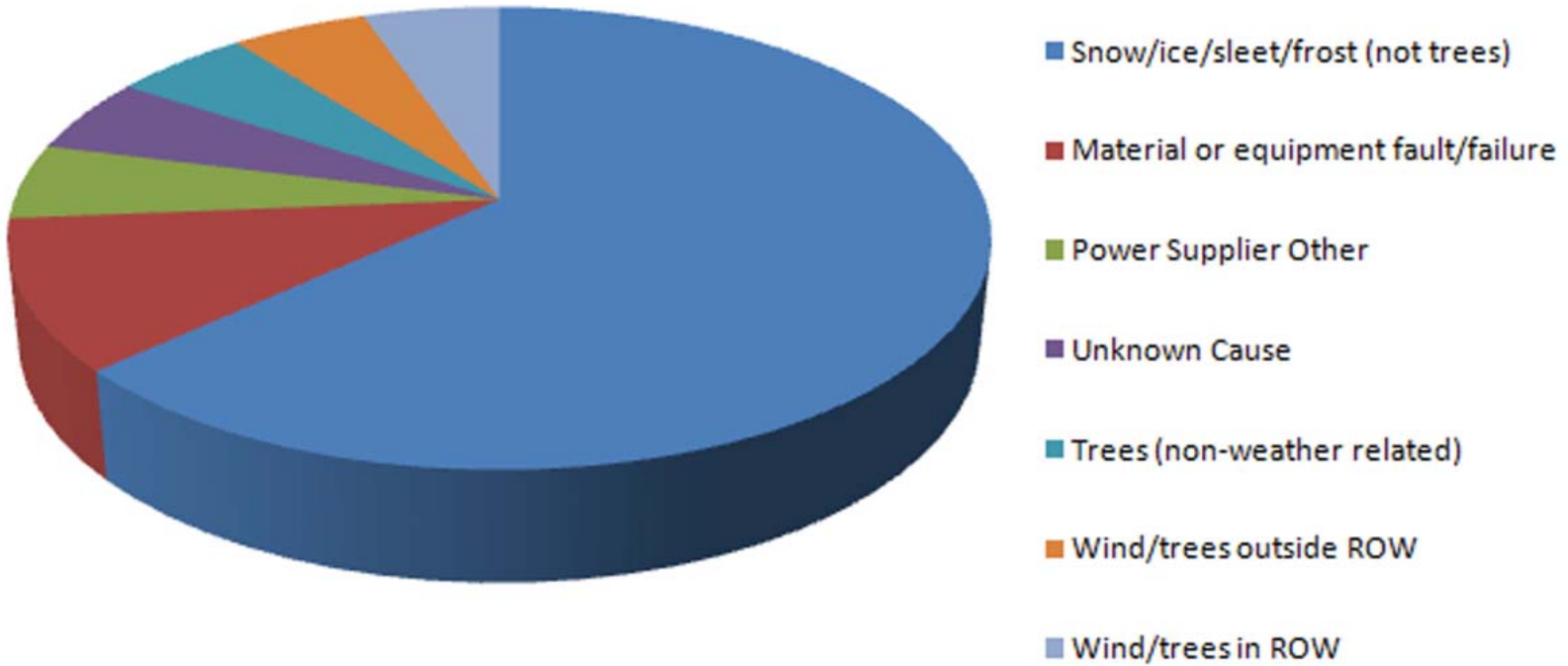
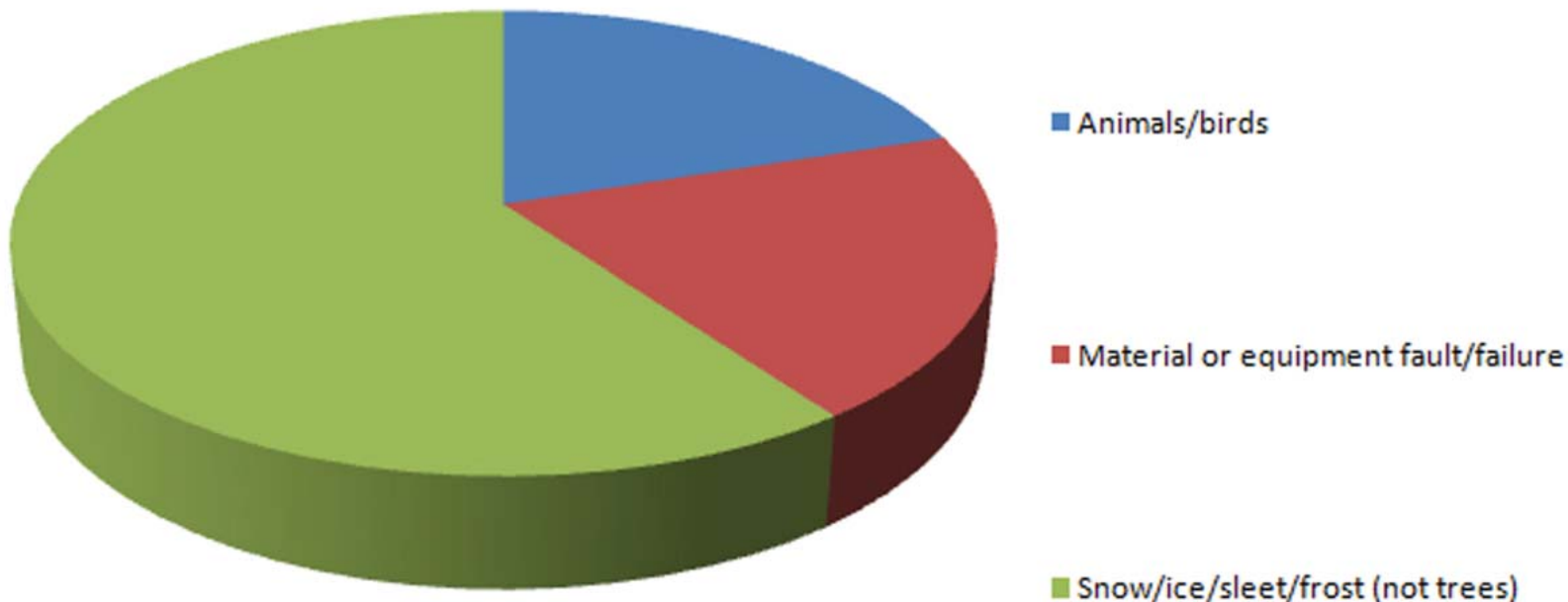


## December 2016 Copper Basin Outages 19 Outages

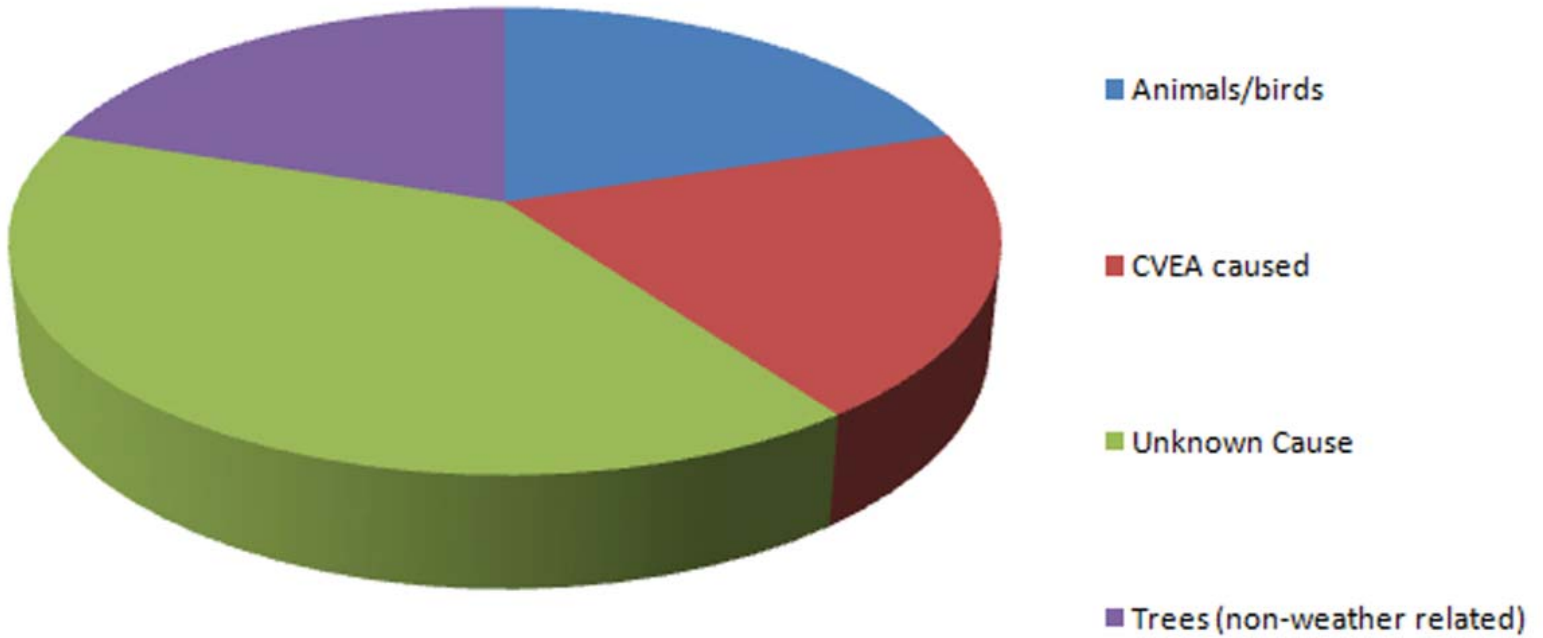


15 of the 19 outages this month were weather related. Heavy snow loading causes the lines to sag and when the snow/ice releases the lines can bounce into each other making contact causing a majority of the outages in December.

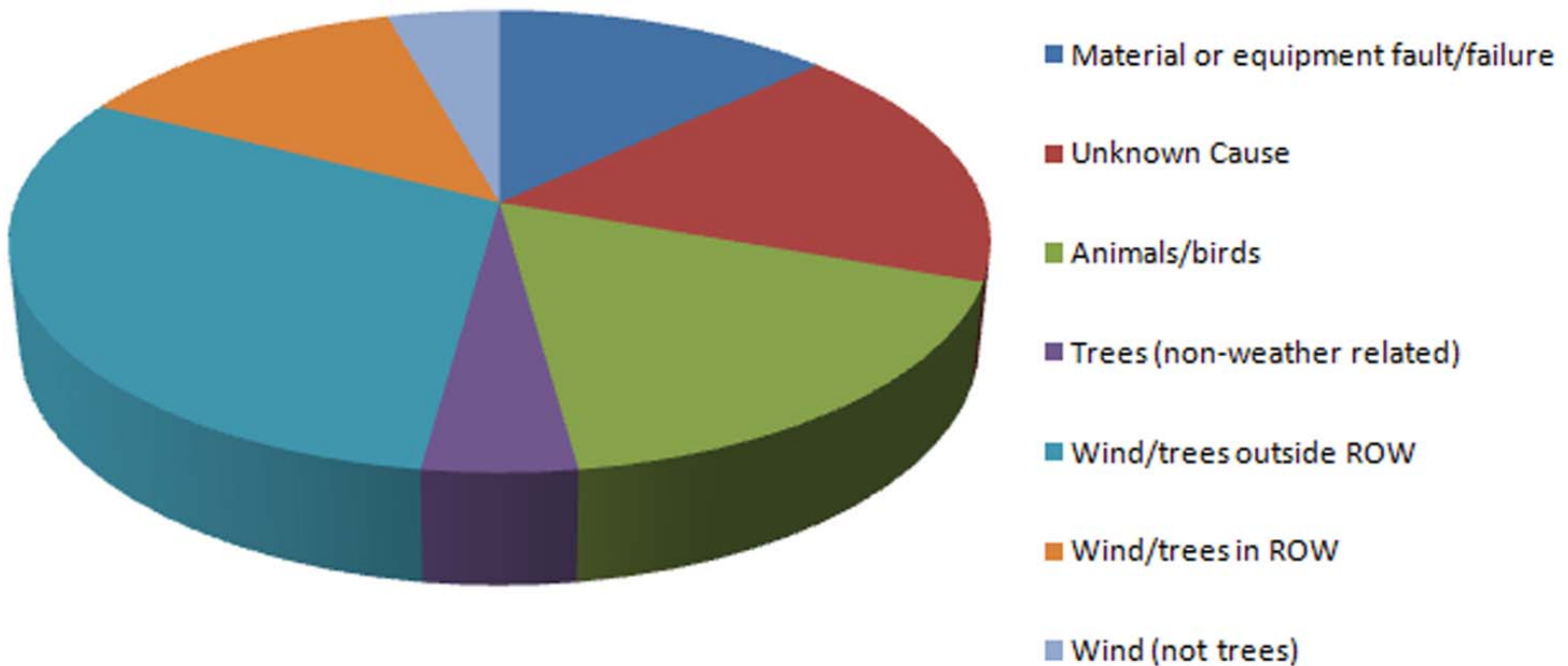
## November 2016 Copper Basin Outages 5 Outages



## October 2016 Copper Basin Outages 5 Outages

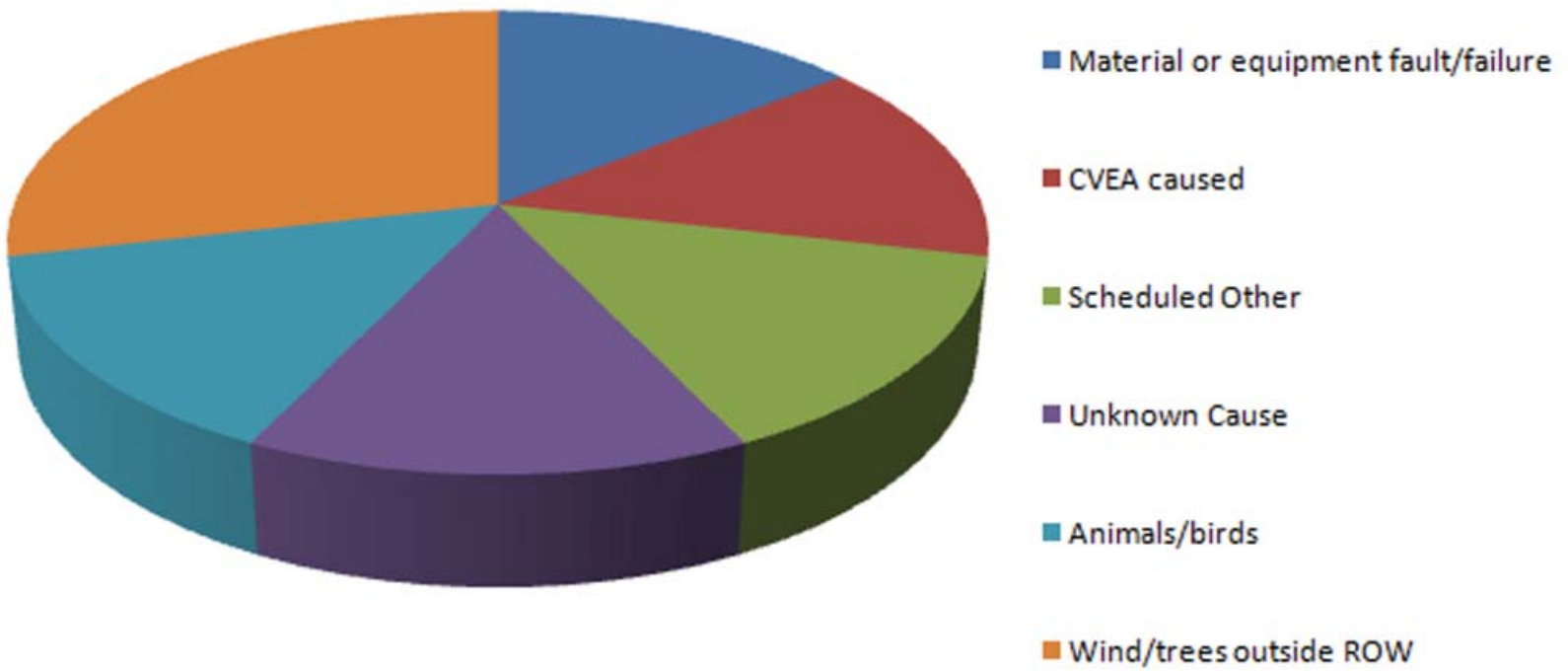


## September 2016 Copper Basin Outages 23 Outages

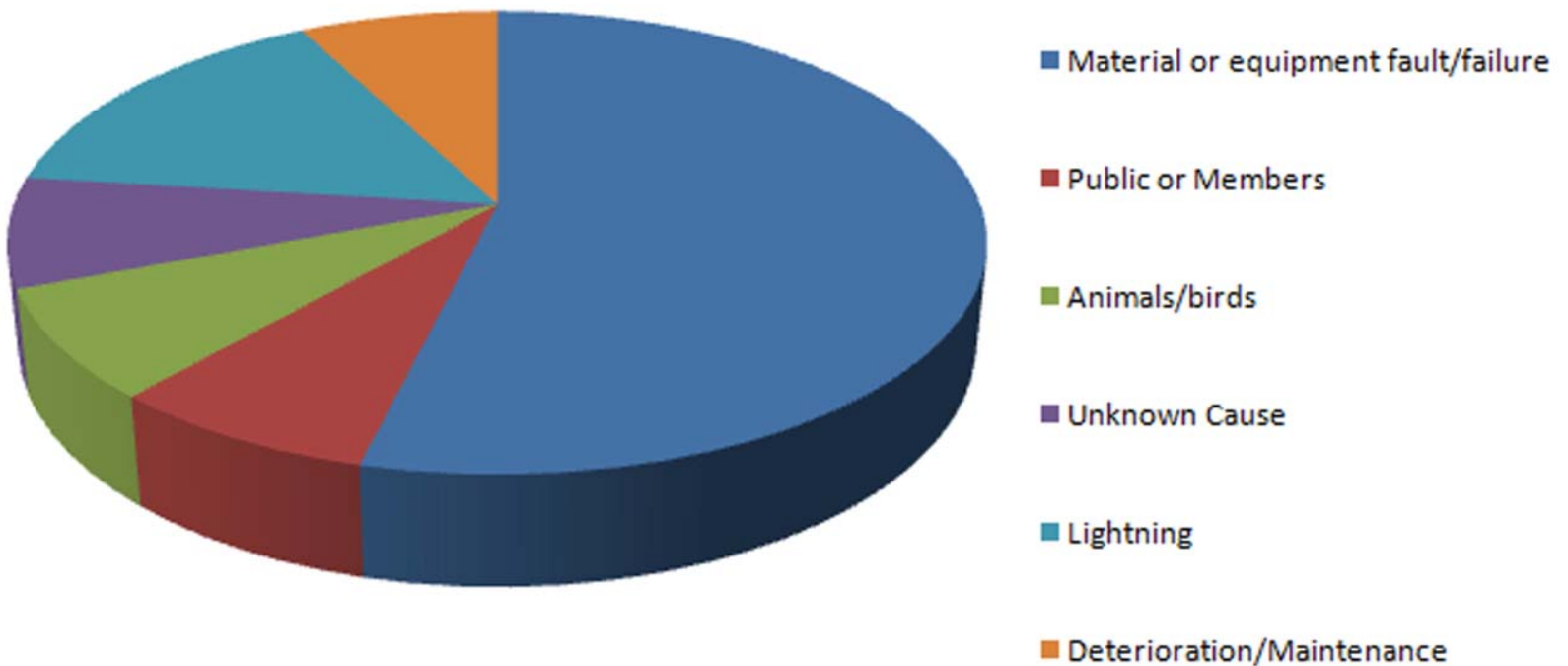


Extreme winds caused a large number of outages in the Copper Basin on September 9 and 11. The outages on September 13 were likely due to damaged during the extreme winds in the preceding days.

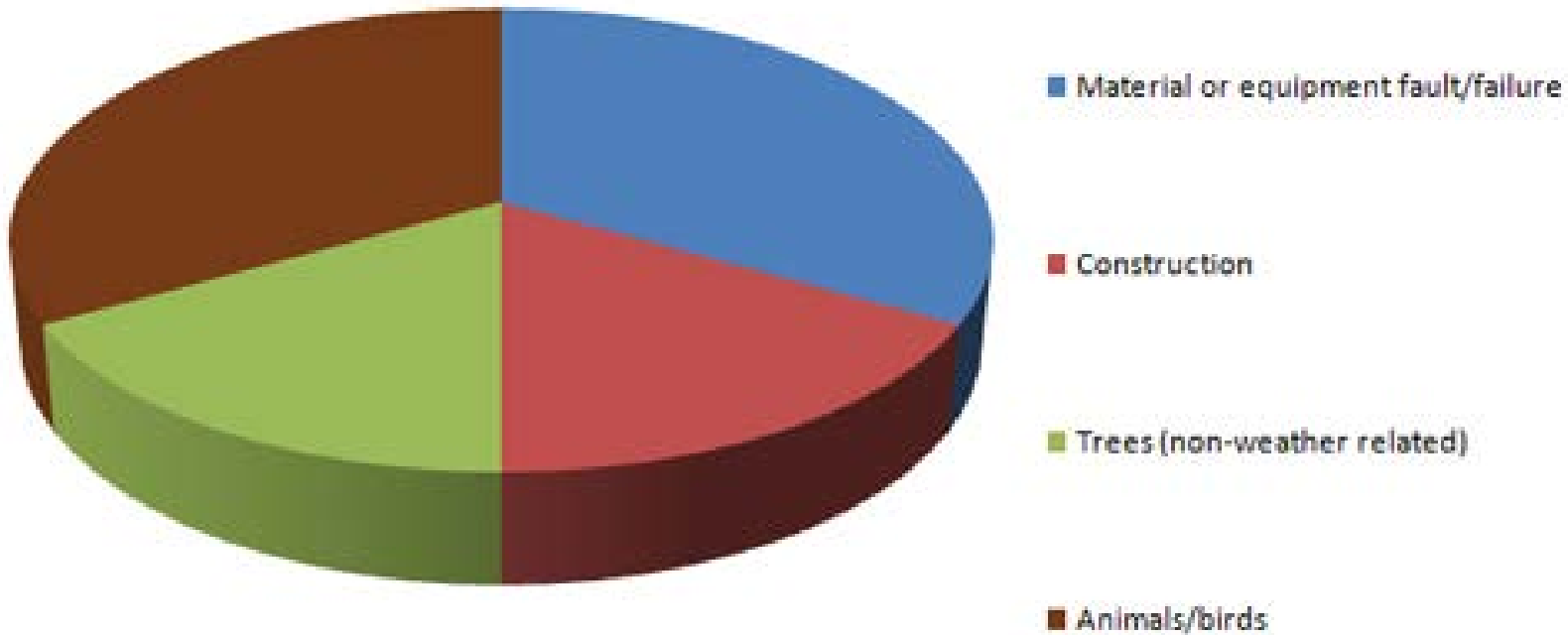
## August 2016 Copper Basin Outages 7 Outages



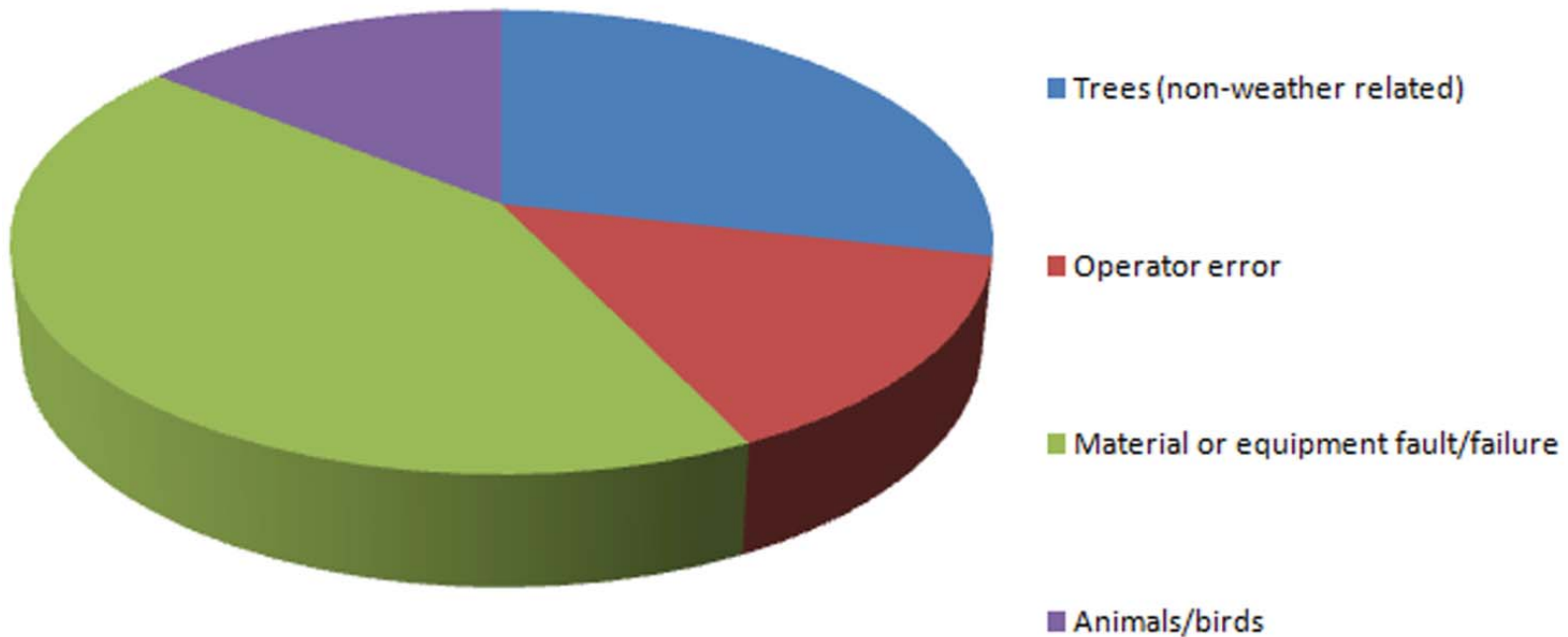
## July 2016 Copper Basin Outages 13 Outages



## June 2016 Copper Basin Outages 6 Outages

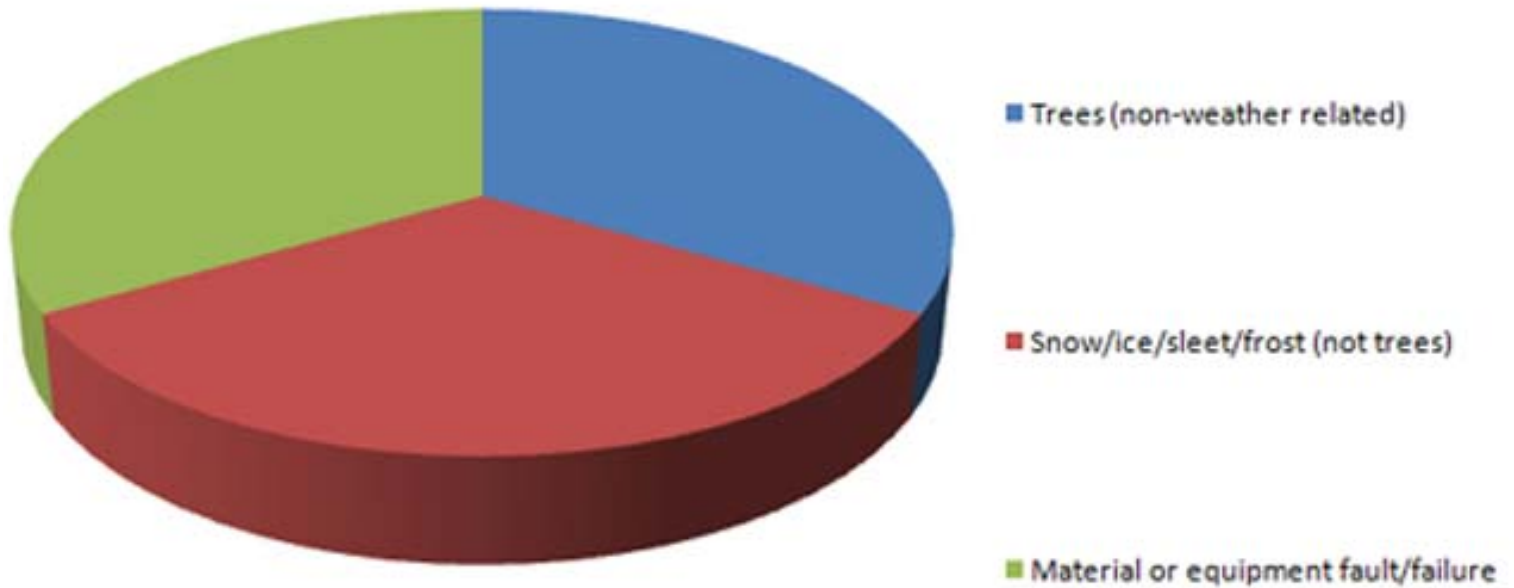


## May 2016 Copper Basin Outages 7 Outages



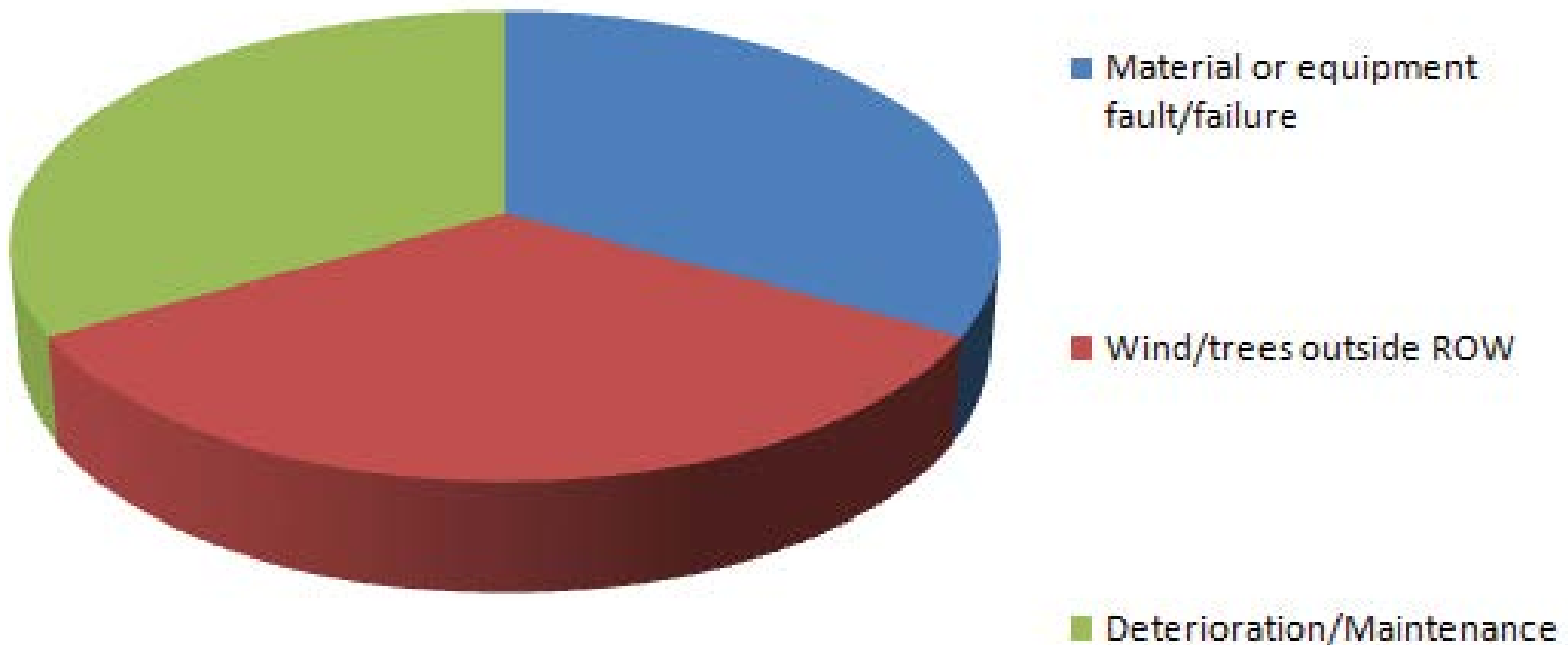
Operator Error - Cogen tripped while taking fuel sample

## April 2016 Copper Basin Outages 3 Outages



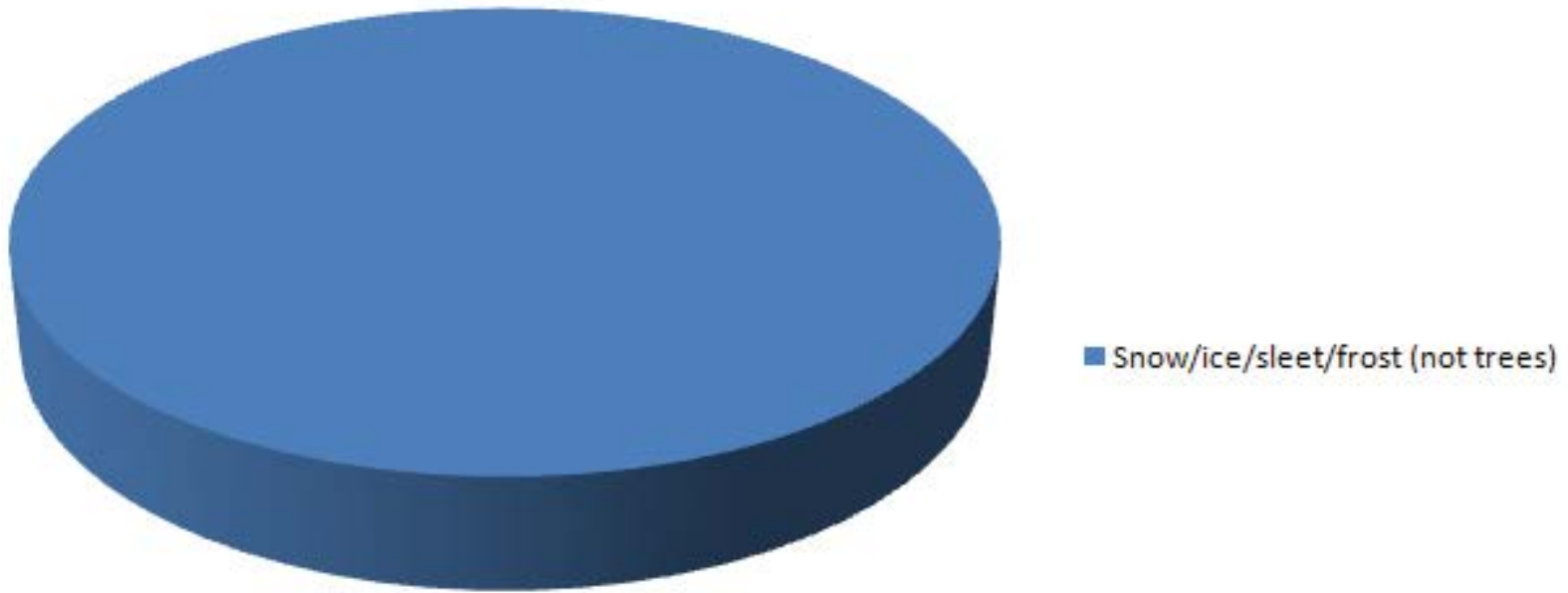
One outage was due to a tree falling into the power line. The second was the result of ice and snow letting go from the lines causing them to bounce and touch resulting in a fault. The third was due to a sensor not being disabled before taking a fuel sample causing the Cogen unit to trip.

## March 2016 Copper Basin Outages 3 Outages



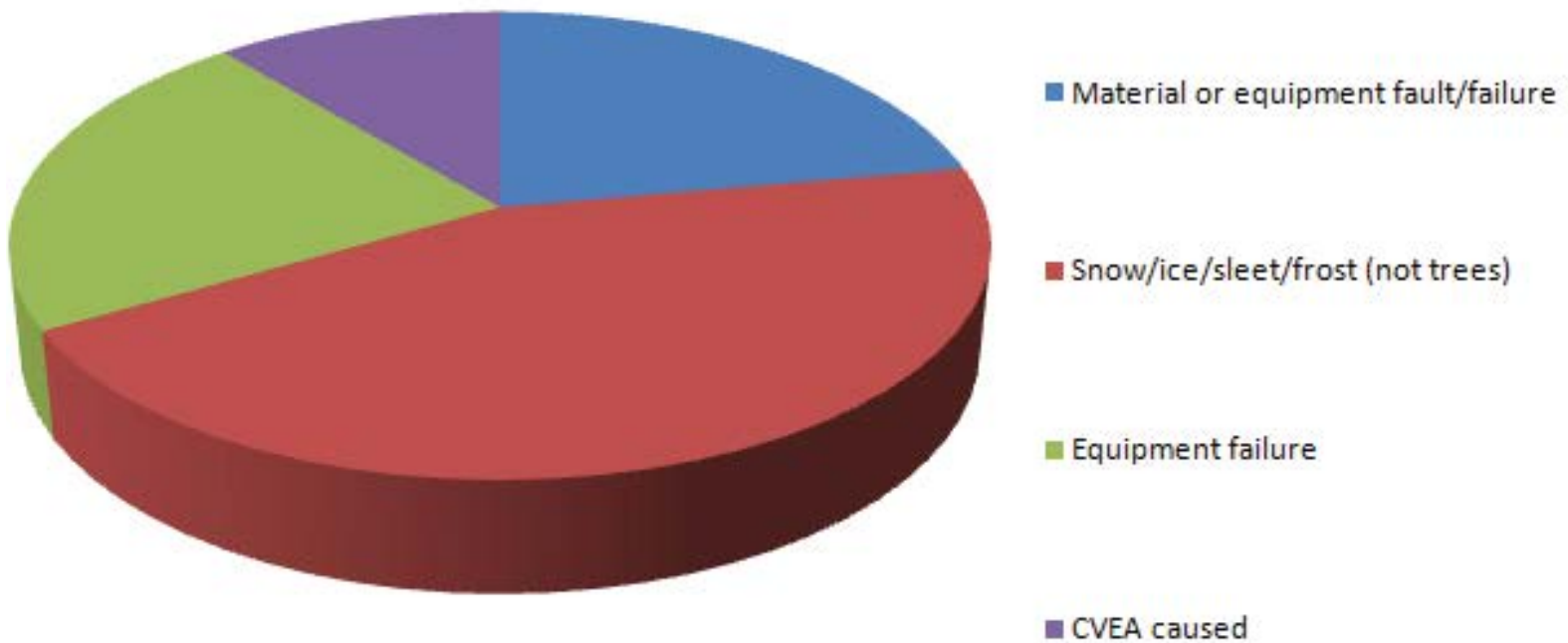
One outage was due to a transformer malfunction. The second was due to a tree outside the right-of-way blowing over into a line. The third outage was due to needing to take the line out to repair a broken crossarm.

## February 2016 Copper Basin Outages 2 Outages



Both Copper Basin outages in February were the result of snow and ice letting go from the lines causing them to bounce and touch resulting in a fault.

## January 2016 Copper Basin Outages 9 Outages



January was another bad month for weather-related outages in the Copper Basin. All these outages were related in some way to adverse weather condition.