

## ABSTRACT

The distribution network is part of the electric power system which is closest to the customer and most susceptible to interference, Disturbance in the distribution system is temporary and permanent. Disruption in the distribution network resulting in a voltage drop large enough to power the system so that the customer can harm or affect the electrical equipment, disruption of the stability of the system that can cause blackouts. To improve the reliability of distribution networks need additional lightning arresters, ground wire, Recloser and add CircuitBreakerOut.

*Keywords: Reliability, Disorders, Distribution System*