

ABSTRACT

Because of the danger posed by lightning surge in transmission line, a good protection can be needed. So the transmission line can extremely protected that lightning surge.

Indonesia is one of country that has high intensity of lightning surge. So that, the protection from lightning surge in high voltage transmission is the most important thing in order to maintain reliability in distribution of electricity.

In this mini thesis, will discuss about the effect of lightning surge in 150 kV High Voltage Transmission.

Keyword : SUTT 150kV, Lightning.