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Reference: **ELT_274_4**



Type:

Electra

Title:

Lightning Protection of Wind Turbine Blades

The object of this report is to give basic data and suggestion of lightning protection for wind turbine blades. This report summarizes the investigation results of lightning damages, high voltage discharge experiments related to the attachment of lightning strokes to wind turbine blades, and high current experiments related to rupture of blades and melting of metallic receptors. Moreover, using the above investigation, the mechanisms of damages are considered and information for better lightning protection measures is given.

More Informations :

File Size:604,7 KB **Pages NB:**3 **Study Committee :** C4 **WG (TF):**WG C4.409 **Year:**2014
