
Reference: **CSE010**



Type:

CIGRE Science & Engineering

Title:

CSE 010

Abstracts

This journal is the outcome of CIGRE's desire to broaden its publication to scientific articles of interest for its members, and outside the CIGRE sphere.

In this issue:

- What may Electric Power Utilities (EPUs) do to mitigate the cyber threat landscape?
 - Assumptions and numerical parameters influencing the accuracy of thermal models for core-type power transformer windings
 - A Monitoring architecture for smart grid cyber security
 - Verification of the short-circuit withstand capability of transformers
 - Operational, short and long term profile optimization (economic dispatch) of distributed energy resources in Microgrid
 - Smart control of energy distribution grids over heterogeneous communication networks Impact of communication network performance on voltage control and energy balancing
 - Temperature Profiles of All-Aluminum-Alloy Conductors near Wedge Tension Clamps
 - Practical methodology for calculation of corona losses induced by hoarfrost using operational measurements
 - External lightning protection system for wind turbine blades - Power performance
 - Experimental validation of frequency control from offshore wind power plants in multi-terminal DC grids
 - Methods for modeling the dynamics of wind turbines in systems with distributed generation
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More Informations :

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