Fast Service Restoration for Large Scale Distribution Systems with Priority Customers and Constraints

Distribution Network Expansion Planning Under Uncertainty: a Hedging Algorithm in an Evolutionary Approach

Probabilistic Choice Vs. Risk Analysis - Conflicts and Synthesis in Power System Planning

Comparative Studies of Non-Convex Optimization Methods for Transmission Network Expansion Planning

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Online Topology Determination and Bad Data Suppression in Power System Operation Using Artificial Neural Networks

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An Integrated Application for Voltage Sag Analysis

Artificial Neural Network Approach to Single-Ended Fault Locator for Transmission Lines

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A Domain Architecture for Solving Simultaneous Nonlinear Network Equations

Unlimited Point Algorithm for OPF Problems

Surrogate Constraint Method for Optimal Power Flow

Long Term Energy Management Optimization According to Different Types of Transactions

An Optimization-based Framework for the Quick Analysis of Power Transactions

A New Thermal Unit Commitment Approach Using Constraint Logic Programming

A Robust Unit Commitment Algorithm for Hydro-Thermal Optimization

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Reliability Analysis of Electric Utility SCADA Systems

New Methods for Visualization of Dynamic Behavior of Power Systems

Modeling of an Island Grid

A Comparison of Interior-Point Codes for Medium-Term Hydro-Thermal Coordination

Dual Programming Methods for Large-Scale Thermal Generation Scheduling