Reference: SESSION2016

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Abstracts

SC A1 - ROTATING ELECTRICAL MACHINES

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SC A2 - TRANSFORMERS
SC A3 - HIGH VOLTAGE EQUIPMENT
SC B1 - INSULATED CABLES
SC B2 - OVERHEAD LINES
Evolution of Substation Management in substations

Using Life Cycle Assessment (LCA) to assess the environmental impact of substations,

Partial Operational Development of substations,

Current RF Integration of substations,

Completing Integration of substations,

Mitigation of Bus-Node 50kV Countermeasures,

Applying High Frequency Features of Brownout.

ABB: Applying the 2nd Generation of Basic and Advanced Dielectric Field Sensors for Partial Discharge Mitigation.

Recent Challenges in the Design of High Voltage DC Grid substations for Renewable Energy systems.

Mitigation of High Voltage DC substations for New Generation of Cable and Combiners.

Aging Risk of High Voltage DC substations and its Mitigation.

Innovative Solutions for High Voltage DC substations in India and the Middle East.

Renewable Energy Integration and the Challenges for High Voltage DC substations.

Building a Future-Proof Substation for the Grid of the Future.
SC B5 - PROTECTION AND AUTOMATION
SC C1 - SYSTEM DEVELOPMENT AND ECONOMICS
SC C2 - SYSTEM OPERATION AND CONTROL
SC C3 - SYSTEM ENVIRONMENTAL PERFORMANCE
SC C4 - SYSTEM TECHNICAL PERFORMANCE
Market interactions model the gap and regulatory wholesale structures, EMT, FEM, retail and positive markets; an evolving sequence.

SC C5 - ELECTRICITY MARKETS AND REGULATION
Integrated resource systems and operation demand and response for up integration distribution

- Prosumers' impact
- Key findings
- South-eastern experience evaluation
- Evaluating capacity implementation technologies
- Techno-economic capacity estimation on the national level within the framework of Germany’s smart grid experiences
- Market access for renewable generators and the importance of demand response in the market.
- Adaptive regulation of the electric utility system involving renewables and technical flexibility - the DSR project
- Benchmarking+
- Lessons learned from the large-scale distribution network projects in Brazil and Britain.
- Smart and resilient grid designs for the grid of the future.
- Distribution grids in the context of the smart grid in Germany.
- Energy markets for distribution grids: insights from Iran’s experience.
- Demand-side management and energy efficiency in the context of the state of New York.
- Benchmarking on- and off-load distribution systems in West Africa.
- Distribution grids in the context of the smart grid in Germany.
More Informations:

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