



2021

Grid of the Future

hosted by **nationalgrid**

Dates & Deadlines

July 30, 2021:

Complete manuscripts must be submitted by July 30, 2021 via email to GOTF@tamu.edu. The paper should be formatted in accordance with the [CIGRE Publications Guide](#).*

August 20, 2021:

Notification of acceptance.

September 3, 2021:

Deadline for submission of final paper with required changes.

Tutorials

The conference has reserved space for smart grid tutorials and panel sessions.

If you are interested in organizing a tutorial or panel session, please contact John McDonald, Technical Program Chair at johnd.mcdonald@ge.com.

Symposium Chairs

Chris Root
USNC President
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Mark McGranaghan
EPRI
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B. Don Russell
CIGRE USNC Secretariat
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Call for Papers & Participation

Technology for the 21st Century Electric Utility

The Grid of the Future Symposium, sponsored by the *CIGRE US National Committee (USNC)* and *Electric Power Research Institute (EPRI)*, with the theme Technology for the 21st Century Electric Utility, will be held **October 17-20, 2021** in **Providence, RI**.

The Symposium, hosted by *National Grid*, will be a forum for the participants to discuss state-of-the-art innovations in generation, transmission, distribution, and innovative smart grid technologies.

Grid of the Future 2021 will feature plenary sessions, technical paper sessions, and tutorials by international experts. Contributions from Next Generation Network (NGN) young engineers are encouraged.

The Symposium scope covers the following general topics:

Digitization & Big Data: Smart Cities, IEC 61850, IoT, Public vs. private networks, Fiber/WAN/FAN, Network and device management, Cyber-security, self-healing grid, and sensors

Clean Technologies: EV, Energy Efficiency, Smart Homes, Off-shore Wind, Distributed Generation Technologies, Smart Inverters, Energy Storage, Non-Wires Solutions

Innovative & Disruptive Technologies: Quantum Computing Applications in Power, Blockchain in Energy, Artificial Intelligence, Edge Computing, Digital Twin, Advanced Approaches for Detecting Downed Conductors, Autonomous Vehicles

Asset Management & People: Risk/Cost/Performance Modeling, Data Analytics, Failure Prediction, Transforming the Workforce

Transmission & Distribution Systems: Transmission Monitoring, T&D System Planning, HVDC, Distributed System Operator, Grid Modernization, ADMS, DERMS, DMS, DR, Microgrids & Islanding, Public Generation Availability and Energy Usage Maps