Energy Development & Power Generation Committee

WHO WE ARE

The Energy Development and Power Generation Committee operates within the IEEE Power & Energy Society. We focus on systems and facilities for conversion of energy sources such as hydro, fossil, solar, wind, chemical, nuclear, and others into electrical energy. We explore power generation impacts on environments, conservation, regulation, economics, safety, and security. We communicate about the interaction between power generation interactions and society through standards, recommended practices, guidelines, policies, position papers, and technical conferences.

ATTENDING A MEETING

Join us for a meeting and get involved! Anyone interested in learning more about power generation and helping advance the Committee’s work is welcome to attend. Join industry and academic experts to discuss and develop the future of energy conversion into electric power. We welcome new perspectives and participation at the Committee, Subcommittee, and Work Grouping Levels.

UPCOMING MEETINGS

The Committee meets annually at the IEEE PES General Meeting.

COMMITTEE SCOPE

Our subcommittees and working groups explore a wide range of topics including:

• International Practices on Power Source Integration
• Microgrid Implementation and Applications
• Global Laboratory Infrastructure for Distributed Energy Research
• Distributed Battery Systems
• Isolated and Remote Power Systems
• Standard Harmonization for Hydroelectric Power Plants
• Excitation System and Controls Standard Maintenance (IEEE 421 Series Standards)
• Energy-Water Nexus

SUB-COMMITTEES

Distributed Energy Resources • International Practices • Renewable Technologies • Wind and Solar Power Plant Interconnection and Design • Hydroelectric Power • Station Design, Operations, and Control • Excitation System and Controls • Technologies for GHG Mitigation and Adaptation

For more information, please visit: SITES.IEEE.ORG/PES-EDPGCOM