Transmission and Distribution Committee

WHO WE ARE

The **Transmission & Distribution (T&D) Committee** develops standards and discusses technical issues involving electric power transmission and distribution.

Our membership is comprised of manufacturers, vendors, academics, consultants, electric power end users and technical and managerial representatives from electric power transmission and distribution system providers.

COMMITTEE SCOPE

T&D focuses on all matters relating to the design, performance, installation and operation of electric power systems that transmit electric energy between two sources.

Focus areas include, but are not limited to:

- **Engineering in the Safety, Maintenance and Operation of Lines**
- **Flexible Alternating Current Transmission Systems**
- **Harmonics and Power Quality**
- **Integration of Renewable Energy Resources into Transmission and Distribution Systems**
- **Overhead and Underground AC and DC Transmission and Distribution Systems**
- **Overhead Conductors**
- **Reliability and Resilience of Transmission and Distribution Systems**
- **Shunt and Series Capacitors**
- **Structural Coordination and Mechanical Problems of Transmission Lines**
- **Towers, Poles, Insulators and Hardware**
- **Transmission and Distribution Power System Switching and Voltage Optimization**

SUBCOMMITTEES

- Capacitor
- Distribution
- Engineering in the Safety, Maintenance and Operation of Lines
- HVDC and Flexible AC Transmission Systems (FACTS)
- Overhead Lines
- Power Quality
- PQ Standards Coordinating Subcommittee 22
- Transmission

ACTIVITIES

- ✓ Organize sessions at PES events
- ✓ Develop tutorials on emerging technologies
- ✓ Contribute to new standards and best practices
- ✓ Publish working group papers in IEEE journals

JOIN US

Anyone interested in advancing electric power transmission and distribution is welcome to join us!

Questions? Contact Committee Chair Julio Romero Agüero: jera@ieee.org

Scan here to submit an interest form.