Transmission and Distribution Committee (T&D)

WHO WE ARE

The Transmission & Distribution Committee is one of many Standards Developing Technical Committees of the IEEE Power & Energy Society. The T&D Committee is comprised of technical and managerial representatives from electric power transmission and distribution system providers, manufacturers, vendors, academics, consultants, and electric power end users. The Committee's products include IEEE Standards, recommended practices, and guides. We also organize panel sessions at PES conferences, publish working group papers in IEEE journals, and develop in-depth tutorials on emerging technologies and new standards. The Committee's standards work provides a crucial service to society's need for reliable, safe, and efficient power system infrastructure.

COMMITTEE SCOPE

- Overhead and underground AC and DC transmission and distribution systems
- Flexible AC transmission systems (FACTS)
- Overhead conductors
- Structural coordination and mechanical problems of transmission lines
- Towers, poles, insulators, and hardware
- Shunt and series capacitors
- Engineering in the safety, maintenance, and operation of lines
- Harmonics and power quality
- Integration of renewable energy resources into T&D systems
- Reliability of the electric transmission and distribution networks
- Transmission and distribution power system switching and voltage optimization

SUBCOMMITTEES

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

JOIN US

This is where it all happens! Anyone interested in learning more about the T&D Committee and helping advance the Committee's work is welcome to attend. Join industry leaders to discuss and develop standards and technical issues involving electric power transmission and distribution. Volunteer and participate as much as possible. The T&D Committee is comprised of volunteers and participation is highly encouraged!