

Substations Committee



Who We Are

The Substations Committee is the professional home for engineers involved in the design and operation of generation, transmission, and distribution substations. Committee activities include the development of industry standards, recommended practices, and guides; technical papers, panels, and tutorials; as well as, participation in the IEEE PES General Meeting, Joint Technical Committee Meeting, and T&D Conference and Exposition.

Committee Scope

The scope of the PES Substations Committee encompasses technical areas of responsibility, technical activities, and advocacy responsibilities.

Technical areas of responsibility include the treatment of matters related to the design, construction, testing, and maintenance of electric power transmission and distribution stations including switching stations, and substations.

Technical activities include the sponsorship and development of standards, recommended practices, and guidelines (either alone or jointly with other technical committees and/or organizations), as well as preparation of position papers, technical reports, and sessions at technical conferences on matters related to items within the technical areas above.

Advocacy responsibilities include liaising and cooperating with societies, groups, regulatory agencies, associations, and other IEEE PES Technical Committees associated with various aspects of items within the above technical areas i.e., Electric Machinery (EMC), Insulated Conductors (ICC), Power System Communications & Cybersecurity (PSCC), Power System Instrumentation and Measurements (PSIM), Power System Operation, Planning & Economics (PSOPE), Power System Relaying and Control (PSRC), Smart Buildings, Loads and Customer Systems (SBLCS), Surge Protective Devices (SPDC), Switchgear, Transformers, and Transmission & Distribution (T&D).

Subcommittees

- Electrical Subcommittee
- Physical Subcommittee
- Grounding and Lightning Subcommittee
- FACTS & HVDC Subcommittee
- Gas Insulated Subcommittee
- Technology and Innovation Subcommittee

Join Us!

The Substations Committee is continually open to new members from all countries who may be interested. Participation provides a unique opportunity to share knowledge and expertise through exchange of views, information, and practices with fellow engineers both nationwide and internationally. Those who do serve are truly rewarded by the enrichment they receive towards their professional background. The Substations Committee convenes annually during the spring in a North American city that is normally sponsored by the respective regional power utility.

Follow Us!

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