

Analytic Methods for Power Systems Committee (AMPS)

Who We Are

The Analytic Methods for Power Systems Technical Committee is a standards developing committee of the IEEE Power & Energy Society. Our members are industry leaders, practitioners, students, and academics with a common professional interest in analytic and computational methods for electric power and energy. Before the IEEE Power & Energy Society Technical Committee reorganization, effective July 2016, AMPS Technical Committee and the majority of its subcommittees was referred to as the IEEE PES Technical Committee on Power System Analysis, Computing, and Economics.

Committee Scope

Investigative modeling, analysis and solution methodologies, computational tools and techniques, and the effective application of computing and intelligent systems in bulk power and distribution systems. Initiate and coordinate studies, symposia, panel discussions and tutorials related to the subjects of this area.

AMPS coordinates activities with other groups on analytical models which are used in the study of system dynamic performance, system planning, system operations, and distribution system analysis.

Subcommittees

- Big Data Analytics
- Computing & Analytical Methods
- Distribution System Analysis
- Intelligent Systems
- Reliability, Risk & Probability Applications
- Transient Analysis & Simulation

Join Us!

The AMPS Committee is composed of six subcommittees which function quite independently, and the Committee's role is to support them. Historically, we hold meetings at the PES General Meeting, where we approve such things as tutorial requests, standards initiatives, fellow endorsements, awards that require Committee level action, and negotiate for meeting rooms and paper quotas at PES conferences. AMPS has the largest number of General Meeting papers of any technical committee.

