

Intelligent Grid & Emerging Technologies Coordinating Committee (iGET)

Who We Are

Intelligent Grid & Emerging Technologies (iGET) operates within IEEE Power and Energy Society to follow development of technologies related to fields covered by IEEE PES. Our main goal is to provide information on PES-related emerging technologies to IEEE PES leadership and members interested in any of the IEEE PES technical fields. This goal is achieved through organizing meetings, paper and panel sessions at IEEE PES events, communication with other Technical Committees, discussions with experts in particular fields of interest, and other activities.

Committee Scope

Emerging technologies, standards, and best practices in the following areas:

- Cybersecurity
- Electric Machinery
- Energy Development & Power Generation
- Insulated Conductors
- Power System Analysis, Computing and Economics
- Power System Communications
- Power System Resilience
- Power System Relaying
- Energy Storage
- Smart Grid
- Substations
- Switchgear
- Transformers
- Transmission & Distribution
- Power Systems Instrumentation and Measurement
- Other Technologies

Objectives

- Ensure that all key emerging technologies are considered within an appropriate PES technical committee
- Foster solutions to issues related to emerging technologies by informing experts within PES
- Support collaboration among PES technical committees by providing a forum for technologies influencing multiple areas

How You Can Get Involved!

- Update the Emerging Technologies White Paper
- Develop a virtual tutorial for a selected emerging technology
- Host a webinar series discussing the latest intelligent grid technologies

Join Us!

This committee meets periodically at the IEEE PES General Meeting and at the Joint Technical Committee Meeting. Please contact the committee chair (IGETCC Chair: Theo Laughner; Email: tlaughner@lifescleanalytics.com) for more information; Website: <https://cmte.ieee.org/iget/>

