Power System Instrumentation and Measurements Committee

WHO WE ARE

The **Power System Instrumentation and Measurements (PSIM)** Committee develops standards and technical resources to support power system safety and reliability through accurate measurement and testing.

Our membership is comprised of subject matter experts across industry, academia, research and metrology, which look at various topics related to high-voltage tests, measurements, electricity metering and current sensor systems designed to measure electrical quantities.

COMMITTEE SCOPE

PSIM focuses on performance requirements, identifying potential sources of error and recommending best practices for systems that measure current voltage, power and power factors.

Focus areas include, but are not limited to:

- **Direct Current Energy Metering**
- **Digital Techniques in Electrical Measurements**
- **Measurement of Harmonics in the Power System**
- **Non-Conventional Smart Grid Sensors**
- **Power Quality**
- **UHV Alternating Current and Direct Current Transmission Systems**

SUBCOMMITTEES

- Electricity Metering
- High Voltage Testing Techniques
- Sensor Technologies

PSIM ACTIVITIES

- Design tutorials for emerging technologies and new standards
- Network with other members at the annual PES General Meeting
- Liaise with other technical committees, societies and associations
- Prepare position papers and documents
- Organize panel sessions at PES conferences

JOIN US

PSIM is looking to expand its membership. Any interested parties from around the world are welcome to join!

Questions? Contact Committee Chair David Wallace: david@ece.msstate.edu

Scan here to submit an interest form.

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