

Power System Instrumentation and Measurements Committee (PSIM)

Who We Are

The Power System Instrumentation and Measurements Committee (PSIM) is the sponsor committee for the general measurement and testing standards for the power industry. One of the major standards sponsored by PSIM is IEEE Standard 4 which describes the procedures for high voltage testing of power system products. Currently, the following topics are being addressed: High Voltage Safety, Digital Recorders in HV Measurements, Partial Discharge, High Frequency Transient Measurement, Optical Sensors, Smart Grid Voltage and Current Sensors.

Committee Scope

Treatment of matters in which the manual or automatic instrumentation and measurement of the electrical parameters of equipment and systems for the generation, transmission, and distribution of electric power. As well as the measurement of current, voltage, power and power factor for various applications, the following are included in the Committee's purview:

- Digital Techniques In Electrical Measurements
- Electricity Metering
- Power Quality
- High Voltage Testing Techniques
- RLC Measurements

Subcommittees

- Administrative
- Digital Techniques in Electrical Measurements
- Electricity Metering
- High-Voltage Testing Techniques
- RLC Measurements
- Recognition and Awards
- Standards
- Sensors

Join Us!

Meet with metrology experts from around the world. Anyone performing high voltage and high current measurement on power system devices can benefit from attending our meetings. The committee meets in conjunction with other PES activities, including PES GM and PES JTCM, and rotates to the other apparatus committees. Meeting attendance by web conference is available for many of our meetings.

