

Surge Protective Devices Committee (SPDC)

Who We Are

The SPDC is a very focused, nimble, and active technical committee of the IEEE PES. The Committee is comprised of technical experts representing utilities, manufacturers, consultants, test laboratories, vendors, users, and certification bodies in the area of SPDs. The scope of the committee includes the creation of test specifications, application guides, and recommended practices along with technical presentations and investigations related to the use of SPDs. The applications covered include SPDs for power generation, transmission and distribution, neutral grounding, rotating machines, low voltage AC power systems, DC power, communications, photovoltaics, wind power, electric vehicle service equipment, Smart Grid, and surge protective components.

Committee Scope

The SPDC is responsible for the treatment of all matters in which the dominant factors are the test, performance, application, design, construction, and operation of SPDs. Included is treatment of the following:

- SPDs employed in generation, transmission, distribution, communication, data, and utilization of electrical energy
- Treatment of the techniques and needs for coordination within, between, and among SPDs and their environment

Subcommittees

- Administration & Standards
- Bibliography & Definitions
- High Voltage Surge Protective Devices
- Low Voltage Surge Protective Devices
- Web & Electronic Documentation

Objectives

Maintenance of existing and development of new documents related to Surge Protection in:

- High Voltage AC/DC Power
- Low Voltage AC/DC Power
- Data, Communication & EV Charging

What's Next

- Issue C62.82.2 (Guide to Insulation Coordination) to replace 1313.2.
- Issue latest revision of C62.22 (Arrester Application Guide)
- Issue C62.230 (Electric Vehicle Service Entrance Protection Guide)

Join Us!

We hope that you'll choose to attend an IEEE PES SPDC standards meeting, and would like to encourage your participation. All attendees bring their different skill sets to the meeting, allowing for a mutually beneficial learning experience. Active participation leads to efficient and timely development of standards, of which we can all be proud! Check the Committee Website below for meeting schedules and locations.

