

# Power System Relaying Committee

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# PSRC Subcommittees

- B Advisory
- C System Protection
- D Line Protection
- H Relaying Communications
- I Relaying Practices
- J Rotating Machinery Protection
- K Substation Protection

# Substation Protection

- **Chair:** Michael Thompson
- **Vice-Chair:** Don Lukach
- **Scope:** Evaluate and report on methods used in protective relaying of substations and the consumer or independent power producer, associated equipment and performance of these protective systems. Develop and maintain relaying standards which relate to this equipment and the utility-consumer interface.

# Substation Protection Subcommittee

- C37.91 Guide for Protecting Power Transformers
- C37.95 Guide for Protective Relaying of Utility-Consumer Interconnections
- C37.99 Guide for the Protection of Shunt Capacitor Banks
- C37.108 Guide for the Protection of Network Transformers
- C37.109 Guide for the Protection of Shunt Reactors
- C37.112 Standard Inverse-Time Characteristic Equations for Overcurrent Relays
- C37.116 Guide for Protective Relay Application to Transmission-Line Series Capacitor Banks
- C37.119 Guide for Breaker Failure Protection of Power Circuit Breakers
- C37.234 Guide for Protective Relay Applications to Power System Buses
- PC37.245 Guide for the Application of Protective Relaying for Phase Shifting Transformers

# Relaying Practices

## Subcommittee, Jeff Pond

- C37.90 Standard for Relays and Relay Systems Associated with Electric Power Apparatus
- C37.90.1 Standard for Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus
- C37.90.2 Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers
- C37.90.3 Standard Electrostatic Discharge Tests for Protective Relays
- C37.110 Guide for the Application of Current Transformers Used for Protective Relaying Purposes
- PC57.13.1 Guide for Field Testing of Relaying Current Transformers
- PC57.13.3 Guide for Grounding of Instrument Transformer Secondary Circuits and Cases