

Proposed Task Force on Fault Current Limiter Testing

Goal: Develop a guide for testing novel FCL technologies

Scope:

- Identify FCL testing requirements from a utility point of view
- Identify specific testing needs regarding the different FCL technologies (e.g. superconducting vs. power electronics)
- Identify applicability of existing power equipment testing standards
- Recommend additional tests and testing procedures as needed
- Identify gaps in availability of testing capabilities and recommend power requirements for upgrading

Approach:

- Study and review novel fault current limiter (FCL) technologies for medium and high voltage systems.
- Map testing requirements against the needs by different FCL technologies
- Map testing requirements against existing power equipment testing standards
- Map testing requirements against available laboratory capabilities
- Coordinate with other technical committees, groups, societies and associations as required.