

SERC Engineering Committee Dynamics Working Group Scope Document





Purpose

The SERC Engineering Committee (EC) Dynamics Working Group (DWG) shall conduct dynamic studies to assist SERC in performing its delegated functions.

Responsibilities and Activities

- Conduct annual database update and create SERC Regional dynamics base cases.
- Review and provide SERC data for the Eastern Interconnection Reliability Assessment Group-Multiregional Modeling Working Group (ERAG-MMWG) model building and analysis efforts.
- Conduct dynamics studies as directed by the Planning Coordination Subcommittee (PLCS).
- Summarize results of the studies.
- Assemble necessary data and prepare reliability study reports.
- Develop a set of reduced dynamics cases for SERC, typically every two years.
- Conduct a joint SERC under frequency load shedding (UFLS) study every five years as required by North American Electric Reliability Corporation (NERC) Standards.
- Perform periodic reviews as required for Remedial Action Schemes (RAS)
- Prepare an annual report as requested by the Reliability Review Subcommittee (RRS).
- Perform additional duties as directed by the PLCS.
- Maintain DWG documents related to processes and roles, responsibilities, or both.

Representation

Each SERC Member Company registered with NERC as a Transmission Planner or Planning Authority is entitled to appoint one representative and up to two alternates to the DWG. Representatives and alternates cannot be a marketing function employee as defined by Federal Energy Regulatory Commission (FERC) regulations and the FERC Standards of Conduct, and must be signatories to the SERC confidentiality agreement.

DWG representatives and alternates shall serve for a term of two years, but can be reappointed. Terms should be staggered, when possible, to permit the presence of experienced DWG representatives and alternates.

The leadership of the DWG comprises a chair and vice-chair. The chair of the SERC PLCS appoints the DWG chair for a two-year term. The DWG will elect a vice-chair for a two-year term. The vice-chair will normally succeed the chair. Chair rotations will follow a pre-established

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rotation table agreed upon by DWG member representatives. The chair and vice-chair shall serve for a term of two years that commences on November 1 of the appointment year and ends on October 31 of the second year.

All DWG representatives should be knowledgeable and qualified to perform all of the responsibilities and activities as defined in this scope document.

Governance

If a vote is required, each representative (or alternate if the associated representative is not available) shall have one vote. A simple majority of the DWG representatives present at a scheduled meeting or conference call is needed to approve any motion or vote. The DWG will also abide by *Organization and Procedure Manual for SERC Technical Committees*.

Reporting

The DWG reports to the PLCS.

Revision History

Revision	Date	Originator	Comments
0	7/31/2018	DWG	Original issue

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