

## Frequency Working Group Scope

### **Purpose**

The purpose of the Frequency Working Group (Freq WG) is to provide technical expertise to support the objectives of the NERC Operating Committee and NERC Programs related to the ongoing analysis of interconnection frequency.

### **Scope of Activities**

The Frequency Working Group will work on items assigned to it by the NERC RS, including but not limited to:

- Provide oversight for frequency data collection, analysis, and tracking processes as required to support on-going analysis of the interconnections.
- Review epsilon values used in balancing standards for each interconnection.
- Perform root cause analyses to determine reasons for changes in observed frequency response.
- Perform technical evaluation of frequency events and performance metrics as related to control performance, or as requested.
- Perform periodic reviews of and generate new technical and training documents related to interconnection frequency and balancing issues.
- Collaborate with other NERC organizations as necessary to assess all technical aspects of interconnection load frequency control trends.
- Provide consultation and detailed technical review of various projects to provide the tools needed by NERC and the industry to analyze, track, and forecast the behavior of interconnection frequency as requested.
- Provide consultation and detailed technical review for development of Standards Authorization Requests (SARs) for new standards or revisions to existing standards concerning interconnection frequency and balancing via the NERC Reliability Standards Development Procedures.

### **Governance**

The Frequency Working Group takes direction from and reports to the NERC RS. Assignments for the Freq WG may be initiated from any source but shall proceed through the RS Chair.

### **Leadership and Membership**

The Frequency Working Group Chair is appointed by the RS Chair.

Membership is open based on technical expertise in frequency analysis and resources-demand balancing.

### **Meetings**

The Frequency Working Group will conduct meetings and conference calls as necessary.