

RELIABILITY AND OPERATIONS SUBCOMMITTEE Planning Work Group Presentation to ERCOT Board

**Austin, TX
June 15, 2010**

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ROS Scope & Procedures

- **Stakeholder Structure**
 - Reports to TAC
- **Operations and Planning**
- **Evaluates and Reviews ERCOT System Studies**
- **Reviews Operations**
 - System Security
 - Operating Guides Application
 - Emergency Operations
- **Operating Guides and Planning Criteria**
 - Development
 - Review
 - Maintenance
- **Protocol Review**
 - Identify impacts to system reliability and operations
 - Ancillary Service Provision
 - Commercially Significant Constraints

ROS Scope & Procedures

- **Review ERCOT Reports and Procedures**
 - Planning Assessment
 - Blackout restoration procedures
 - Coordination of protective relay settings
 - Operational communication facilities
 - Operating reserve obligations
 - Emergency operations
 - Abnormal system conditions
 - Transmission interconnections to generation
 - Coordination of outage schedules
 - **Other activities as they apply to reliability and operations**

ROS Scope & Procedures

- **Working Groups**

- All actions are subject to subcommittee review
- Report planned activities/projects and results for review
- Submit any budget requirements (forwarded to TAC for approval)
 - **Dynamics**
 - **Network Data Support**
 - **Operations**
 - **Performance, Disturbance, and Compliance**
 - **Steady State**
 - **System Protection**

- **Task Forces**

- Black Start (reports to OWG)
- Operations (reports to OWG)
 - Plans and coordinates the annual Winter Storm Drill
 - Operational issues as assigned by the OWG
- Wind Operations (no longer active)
- Long-Term Solution (not active)

ROS Planning Working Group

- **Development of Planning Guides and Planning Working Group (PLWG)**
 - Increase transparency and communication on planning activities
 - Increase focus on planning activities
 - Provide stakeholder forum and market input into planning data, documents and criteria
 - Bring all planning related documents together
 - Include planning charter, generation interconnect procedures, criteria and all procedures in one guide
 - Consolidate several separate working groups under the new working group
 - Change control process similar to Protocols with approval to ERCOT Board (under review)

PLWG Scope

- **Non-voting group open to all stakeholders, PUCT Staff and ERCOT Staff**
- **Reports to the Reliability and Operations Subcommittee (ROS)**
- **The ROS approves the PLWG chair and subgroup chairs as recommended by PLWG**
- **The chair schedules meetings as required to discharge its responsibilities**
- **When consensus cannot be achieved on an issue, the issue should be fully described and options presented to the ROS for disposition**

PLWG Scope

- **Functions of the PLWG include:**
 - Review the criteria, processes and data provision requirements included in the Planning Guides, to identify any needed improvements and recommend appropriate solutions for ROS action or approval.
 - Review proposed Planning Guides Revisions and make recommendations for ROS approval.
 - Assignments as needed from the ROS

PLWG Scope

- **Functions of the PLWG include:**
 - Review Planning Guides for alignment with North American Electric Reliability Corporation Reliability Standards requirements and recommend appropriate Regional Standard Authorization Requests, Planning Guide Revision Requests, or Protocol Revision Requests as needed.
 - Assist with review and analysis of unusual or emergency type events having a significant impact on ERCOT

PLWG Next Meetings

- **Monday, June 14, 1:30 to 4:30 PM via WEBEX**
 - Change control process discussion
- **Monday, June 28, 9:30 AM at ERCOT Austin**
 - First meeting with ROS Version 0 Document