**Agenda**

**ERCOT Reliability Operations Subcommittee (ROS) Meeting**

ERCOT Austin / 7620 Metro Center Drive / Austin, Texas 78744

**Thursday, May 3, 2018 / 9:30 a.m.**

[**http://ercot.webex.com**](http://ercot.webex.com)

Meeting Number: 624 587 653

Meeting Password: ROS

Teleconference: 1.877.668.4493

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| 1. | | Antitrust Admonition | A. Bern | | 9:30 a.m. |
| 2. | | Agenda Review | A. Bern | |  |
| 3. | | **Approval of ROS Meeting Minutes (Vote)**   * April 5, 2018 | A. Bern | |  |
| 4. | | Texas RE Assessment of Reliability Performance | M. Henry | | 9:35 a.m. |
| 5. | | ERCOT Updates |  | | 9:55 a.m. |
|  | | * Operations Report | N. Mago | |  |
|  | | * System Planning Report | J. Billo | |  |
| 6. | | PSCAD Analysis – Follow Up Discussion | J. Billo | | 10:00 a.m. |
| 7. | | New PRS Referrals  *No referrals from April 12, 2018 PRS* |  | |  |
| 8. | | ROS Revision Requests   * New – Language Review   + **PGRR063, Transmission Interconnection Study (Vote)**   + **PGRR064, Transmission Dynamic Element Model Verification (Vote)** * Impact Analysis *(none)* |  | | 10:20 a.m. |
| 9. | | LBNL’s Frequency Response Study for NERC | J. Eto/J. Undrill/E. Lim/S. Niemeyer | | 10:30 a.m. |
|  | | * Q & A |  | | 11:30 a.m. |
| 10. | | South Texas SSR | J. Billo | | 12:00 p.m. |
|  | | \*\*\*LUNCH\*\*\* |  | | 12:30 p.m. |
| 11. | | Voltage Profile Working Group | S. Gurrala | | 1:45 p.m. |
| 12. | | Performance Disturbance Compliance Working Group   * **NPRR863**, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve (Possible Vote) | P. Galliguez | | 1:50 p.m. |
| 13. | | Operations Working Group   * **OWG Leadership Change (Vote)** * **NPRR849**, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote) * **NOGRR174**, AVR and PSS Testing Requirements (Possible Vote) * **NOGRR177**, Related to NPRR857, Creation of Direct Current Tie Operator Market Participant Role (Possible Vote) * **NOGRR178**, Clarification of Automatic Under-Frequency Load Shed Requirement (Possible Vote) | R. Gillean | | 2:05 p.m. |
| 14. | | Planning Working Group   * **NPRR866**, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote) * **PGRR061**, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG/OWG) (Possible Vote) * **RRGRR017**, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote) * **PGRR062**, Updates to GINR Process (Possible Vote) | B. Myers | | 2:20 p.m. |
| 15. | | Outage Coordination Working Group | M. Henson | | 2:35 p.m. |
|  | | * **HITE List Methodology (Vote)** |  | |  |
| 16. | | Steady State Working Group | W. Jablonski | | 2:50 p.m. |
| 17. | | Planning Geomagnetic Disturbance Task Force | D. Preas | | 2:55 p.m. |
| 18. | | Network Data Support Working Group | T. Kroskey | | 3:00 p.m. |
| 19. | | Black Start Working Group | E. Pierce | | 3:05 p.m. |
| 20. | | Operations Training Working Group | J. Aldridge | | 3:10 p.m. |
| 21. | | Other Business | A. Bern | | 3:15 p.m. |
|  | | * Outage Scheduling Restrictions for Summer 2018 | D. Woodfin | |  |
|  | | * Southern Cross Dashboard Update | M. Mereness | |  |
|  | | * Review Open Action Items |  | |  |
|  | | * No Report: |  | |  |
|  | | * + Dynamics Working Group |  | |  |
|  | | * + Dynamic Model Task Force |  | |  |
|  | | * + Resource Data Working Group   + System Protection Working Group |  | |  |
|  | |  |  | |  |
|  | | Adjourn | A. Bern | |  |
|  | | Future ROS Meetings |  | |  |
|  | | * June 7, 2018 |  | |  |
| **Open Action Items** | | | **Responsible Party** | |
| NOGRR177, Related to NPRR857, Creation of Direct Current Tie Operator Market Participant Role | | | OWG | |
| NOGRR178, Clarification of Automatic Under-Frequency Load Shed Requirement | | | OWG | |
| DER Mapping | | | ROS | |
| BAL-001-TRE Standard Workshop Items | | | PDCWG | |
| NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI | | | OWG/VPWG | |
| ~~NPRR851, Procedure for Managing Disconnections for Bidirectional Electrical Connections~~ | | | ~~OWG~~ | |
| NPRR863, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve | | | PDCWG | |
| NPRR866, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | | | PLWG | |
| PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | | | PLWG/OWG | |
| RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | | | PLWG | |
| PGRR062, Updates to GINR Process | | | PLWG | |
| Clarification of Projects Associated with Direct Interconnection of New Generation | | | PLWG | |
| ~~SCT Directive 5: Planning Model Considerations~~ | | | ~~PLWG~~ | |
| ~~SCT Directive 8: Frequency Response and Voltage Support; (Primary Frequency Response Study)~~ | | | ~~PDCWG~~ | |
| SCT Directive 9: Ancillary Services; Issues related to MSSC and Margin between min RRS Procurement & Contingency Reserve Requirements | | | PDCWG/OWG | |
| SCT Directive 9: Ancillary Services; Address issues related to NSRS and Regulation Service | | | PDCWG | |
| SCT Directive 9: Ancillary Services; Issues related to study of frequency overshoot and LRs UFR setting | | | DWG | |