**AGENDA**

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

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

**Thursday, April 5, 2018 / 9:30 a.m.**

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

Meeting Number: 626 410 369

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)**   * March 1, 2018 | A. Bern | |  |
| 4. | | Technical Advisory Committee (TAC) Update and Assignments | T. Burke | | 9:35 a.m. |
| 5. | | ERCOT Updates |  | | 9:45 a.m. |
|  | | * Operations Report | N. Mago | |  |
|  | | * System Planning Report | J. Billo | |  |
| 6. | | New PRS Referrals |  | |  |
|  | | * NPRR866, Mapping Registered Distributed Generation and Load Resourced to Transmission Loads in the Network Operations Model (Possible Vote) |  | |  |
| 7. | | Revision Requests Tabled at PRS, Previously Referred to ROS   * NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote) * NPRR851, Procedure for Managing Disconnections for Bidirectional Electrical Connections at Transmission Level Voltages (OWG) (Possible Vote) * NPRR863, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve (PDCWG) (Possible Vote) |  | |  |
| 8. | | Review of Revision Requests   * Language   + **NOGRR177, Related to NPRR857, Creation of Direct Current Tie Operator Market Participant Role (Vote)**   + **NOGRR178, Clarification of Automatic Under-Frequency Load Shed Requirement (Vote)**   + **PGRR062, Updates to GINR Process (Vote)** * Impact Analysis   + **NOGRR176, Hotline Call Participation (Vote)**   + **PGRR059, Related to NPRR837, Regional Planning Group (RPG) Process Reform (Vote)**   + **PGRR060, Clarification of Reliability Performance Criteria (Vote)** |  | |  |
| 9. | | Revision Requests Tabled at ROS   * NOGRR174, AVR and PSS Testing Requirements (OWG/DWG) (Possible Vote) * PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote) * RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote) |  | |  |
| 10. | | Operations Working Group | R. Gillean | | 10:00 a.m. |
| 11. | | SCT Directive #5 Recommendation (PLWG) (Possible Vote) | B. Myers | | 10:15 a.m. |
| 12. | | Performance Disturbance Compliance Working Group   * SCT Directive #8 Recommendation (Possible Vote) | P. Galliguez | | 10:25 a.m. |
| 13. | | Voltage Profile Working Group | S. Gurrala | | 10:40 a.m. |
| 14. | | Steady State Working Group | W. Jablonski | | 10:45 a.m. |
| 15. | | Planning Geomagnetic Disturbance Task Force | D. Preas | | 10:55 a.m. |
| 16. | | Black Start Working Group | E. Pierce | | 11:10 a.m. |
| 17. | | Operations Training Working Group | J. Aldridge | | 11:15 a.m. |
| 18. | | System Protection Working Group | G. Corpuz | | 11:25 a.m. |
| 19. | | Outage Coordination Working Group | M. Henson | | 11:35 a.m. |
| 20. | | Other Business | A. Bern | | 11:45 a.m. |
|  | | * PSCAD Analysis – Prepare Comments/Questions for May 3, 2018 ROS |  | |  |
|  | | * Review Open Action Items |  | |  |
|  | | * No Report: |  | |  |
|  | | * + Dynamic Model Task Force |  | |  |
|  | | * + Network Data Support Working Group |  | |  |
|  | | * + Planning Working Group |  | |  |
|  | | * + Resource Data Working Group |  | |  |
|  | |  |  | |  |
|  | | Adjourn | A. Bern | | 12:00 p.m. |
|  | | Future ROS Meetings |  | |  |
|  | | * May 3, 2018 |  | |  |
| **Open Action Items** | | | **Responsible Party** | |
| UFLS (Draft NOGRR) | | | OWG | |
| ~~Generator Islanding during a Contingency~~ | | | ~~OWG~~ | |
| DER Mapping | | | ROS | |
| BAL-001-TRE Standard Workshop Items | | | PDCWG | |
| ~~NPRR837, Regional Planning Group (RPG) Process Reform~~ | | | ~~PLWG~~ | |
| ~~PGRR059, Related to NPRR837, Regional Planning Group Process Reform~~ | | | ~~PLWG~~ | |
| 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 | |
| ~~NPRR857, Creation of Direct Current Tie Operator Market Participant Role~~ | | | ~~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 | |
| ~~NOGRR174, AVR and PSS Testing Requirements (Possible Vote)~~ | | | ~~OWG/DWG~~ | |
| ~~NOGRR176, Hotline Call Participation~~ | | | ~~OWG~~ | |
| PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | | | PLWG | |
| RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | | | 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 | |