**AGENDA**

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

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

**Thursday, March 1, 2018 / 9:30 a.m.**

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

Meeting Number: 626 800 414

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)**   * February 1, 2018 | A. Bern | |  |
| 4. | | Technical Advisory Committee (TAC) Update and Assignments | A. Bern | | 9:35 a.m. |
| 5. | | **2018 ROS Goals (Vote)** | A. Bern | | 9:40 a.m. |
| 6. | | ERCOT Updates |  | | 9:45 a.m. |
|  | | * Monthly COP Error Analysis * Operations Report | A. Lee  N. Mago | |  |
|  | | * System Planning Report | J. Billo | |  |
| 7. | | PSCAD Stability Analysis – Panhandle/Valley | Electranix | | 10:00 a.m. |
|  | | * Q & A Session |  | | 10:40 a.m. |
| 8. | | New PRS Referrals | A. Bern | |  |
|  | | *No Referrals from February 8, 2018 PRS* |  | |  |
| 9. | | Dynamics Working Group | J. Li | | 11:00 a.m. |
| 10. | | Operations Working Group   * 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) * NPRR857, Creation of Direct Current Tie Operator Market Participant Role (OWG) (Possible Vote) * NOGRR174, AVR and PSS Testing Requirements (OWG/DWG) (Possible Vote) * NOGRR176, Hotline Call Participation (OWG) (Possible Vote) | R. Gillean | | 11:05 a.m. |
| 11. | | Planning Working Group   * NPRR837, Regional Planning Group (RPG) Process Reform (PLWG) (Possible Vote) * PGRR059, Related to NPRR837, Regional Planning Group Process Reform (PLWG) (Possible Vote) | B. Myers | | 11:20 a.m. |
|  | | * SCT Directive #5 |  | |  |
| 12. | | Performance Disturbance Compliance Working Group   * NPRR863, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve (PDCWG) (Possible Vote) * SCT Directive #8 Recommendation (Possible Vote) | P. Galliguez | | 11:35 a.m. |
| 13. | | Review of Revision Request Language & Impact Analyses | A. Bern | | 11:50 p.m. |
|  | | * **PGRR060, Clarification of Reliability Performance Criteria (Vote)** * **PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (Vote)** * **RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (Vote)** |  | |  |
| 14. | | NPRR866, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (Possible Vote) |  | | 12:05 p.m. |
| 15. | | Steady State Working Group   * **SSWG Procedure Manual Update (Vote)** | W. Jablonski | | 12:10 p.m. |
| 16. | | Working Group Reports – *Questions Only* |  | | 12:20 p.m. |
|  | | Planning Geomagnetic Disturbance Task Force | D. Preas | |  |
|  | | Dynamic Model Task Force | C. Minchew | |  |
|  | | Black Start Working Group | E. Pierce | |  |
| 17. | | Other Business | A. Bern | | 12:25 p.m. |
|  | | * Review Open Action Items |  | |  |
|  | | * No Report: |  | |  |
|  | | * + Network Data Support Working Group |  | |  |
|  | | * + Operations Training Working Group |  | |  |
|  | | * + Outage Coordination Working Group   + Resource Data Working Group   + System Protection Working Group |  | |  |
|  | | * + Voltage Profile Working Group |  | |  |
|  | | Adjourn | A. Bern | | 12:30 p.m. |
|  | | Future ROS Meetings |  | |  |
|  | | * April 5, 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 | |
| ~~SCR793, SSR Related Telemetry for Cross Texas Transmission~~ | | | ~~OWG~~ | |
| ~~SCR795, Addition of Intra-Hour Wind Forecast to GTBD Calculation~~ | | | ~~PDCWG~~ | |
| NOGRR174, AVR and PSS Testing Requirements (Possible Vote) | | | OWG/DWG | |
| NOGRR176, Hotline Call Participation | | | OWG | |
| 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 | |