**AGENDA**

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

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

**Thursday, May 2, 2019 / 9:30 a.m.**

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

Meeting Number: 629 197 816

Meeting Password: ROS

Teleconference: 1.877.668.4493

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| --- | --- | --- | --- |
| 1. | Antitrust Admonition | K. Bunch | 9:30 a.m. |
| 2. | Agenda Review | K. Bunch |  |
| 3. | **Approval of ROS Meeting Minutes (Vote)** | K. Bunch | 9:35 a.m. |
|  | * **April 4, 2019** |  |  |
| 4. | Technical Advisory Committee (TAC) Update | K. Bunch | 9:40 a.m. |
|  | *TAC did not meet in April 2019* |  |  |
| 5. | Texas RE Assessment of Reliability Performance | M. Henry | 9:40 a.m. |
| 6. | ERCOT Reports |  | 9:55 a.m. |
|  | * Operations Report | ERCOT Staff |  |
|  | * System Planning Report | J. Billo |  |
|  | * Real-Time Ancillary Service Shortages | ERCOT Staff |  |
|  | * Panhandle Stability Study Update | F. Huang |  |
|  | * South Texas SSO Update | F. Huang |  |
| 7. | Southern Cross Transmission Assignments |  | 11:10 a.m. |
|  | * Southern Cross Transmission Directive #7, Determination as to how to manage congestion caused by DC tie | M. Mereness |  |
|  | * Southern Cross Transmission Directive #8, Voltage Support Services | F. Garcia |  |
| 8. | **New Protocol Revision Subcommittee (PRS) Referrals (Vote)** | K. Bunch | 11:30 a.m. |
|  | *No referrals from April 11, 2019 PRS Meeting* |  |  |
| 9. | **ROS Revision Requests (Vote)** | K. Bunch | 11:30 a.m. |
|  | *Language Review* |  |  |
|  | None |  |  |
|  | *Impact Analysis Review* |  |  |
|  | * **PGRR070, Revised Responsibilities for Performing Geomagnetic Disturbance (GMD) Vulnerability Assessments** |  |  |
|  | * **NOGRR188, WAN Technology Updates** |  |  |
|  | * **NOGRR189, Align Disturbance Monitoring Requirements Deadline with NERC Reliability Standard PRC-002-2** |  |  |
|  | Lunch |  | 12:00 p.m. |
| 10. | Performance Disturbance Compliance Working Group (PDCWG) | C. Mulholland | 1:15 p.m. |
|  | * NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks (PDCWG) |  |  |
|  | * NOGRR184, Related to NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks (PDCWG) |  |  |
|  | * **NOGRR187, Related to NPRR863, Creation of ERCOT Contingency Reserve Service and Revisions to Responsive Reserve (PDCWG) (Vote)** |  |  |
| 11. | Operations Working Group (OWG) | R. Floyd | 1:45 p.m. |
|  | * NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote) |  |  |
|  | * NOGRR183, Remedial Action Scheme (RAS) Submittal and Review Requirements (PLWG/OWG) |  |  |
| 12. | Network Data Support Working Group (NDSWG) | NDSWG Leadership | 2:05 p.m. |
|  | * **2019 NDSWG Leadership (Vote)** |  |  |
|  | * **2019 NDSWG Scope (Vote)** |  |  |
| 13. | Planning Geomagnetic Disturbance Task Force (PGDTF) | A. Amahatsion | 2:15 p.m. |
| 14. | System Protection Working Group (SPWG) | M. Davis |  |
| 15. | Other Business | K. Bunch | 2:25 p.m. |
|  | * Review Open Action Items |  |  |
|  | * No Report: |  |  |
|  | * + Black Start Working Group (BSWG) |  |  |
|  | * + Dynamics Working Group (DWG) |  |  |
|  | * + Operations Training Working Group (OTWG) |  |  |
|  | * + Planning Working Group (PLWG) |  |  |
|  | * + Steady State Working Group (SSWG) |  |  |
|  | * + Voltage Profile Working Group (VPWG) |  |  |
|  | Adjourn | K. Bunch | 2:35 p.m. |
|  | Future ROS Meetings |  |  |
|  | * June 6, 2019 |  |  |
|  | * July 6, 2019 |  |  |

| Open Action Items | Responsible | Assigned |
| --- | --- | --- |
| SCT Directive 9: Ancillary Services; Issues related to study of frequency overshoot and LRs UFR setting | DWG |  |
| Consider repository for the ERCOT Nodal ICCP Communication Handbook | NDSWG | 04/04/2019 |
| SCT Directive 4: Development of Methodology for Outage Coordination | OWG | 01/10/2019 |
| SCT Directive 9: Ancillary Services; Margin between min RRS Procurement & Contingency Reserve Requirements | OWG/PDCWG |  |
| Develop problem statements for the issues NPRR849 is attempting to resolve, develop options for ROS consideration. Provide a recommendation regarding if those issues would be best resolved in one or multiple NPRRs. Identify consensus items vs non-consensus. And if not, present those issues. | OWG | 02/07/2019 |
| SCT Directive 9: Ancillary Services; Address issues related to NSRS and Regulation Service | PDCWG |  |
| BAL-001-TRE Standard Workshop Items | PDCWG |  |
| Review issues of showing “0” on HSL reporting and consider NPRR919 and NOGRR919 together. | PDCWG | 02/07/2019 |
| SCT Directive 3: Determination of Ramp Rate Restrictions | PDCWG | 03/07/2019 |
| Develop Other Binding Document (OBD) Assessing GMD Effects on Power Systems related to PGRR070, Revised Responsibilities for Performing Geomagnetic Disturbance (GMD) Vulnerability Assessments | PGDTF | 04/04/2019 |