**AGENDA**

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

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

**Thursday, April 4, 2019 / 9:30 a.m.**

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

Meeting Number: 625 654 562

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.  |
|  | * **March 7, 2019**
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|  4. | Technical Advisory Committee (TAC) Update | K. Bunch |  9:40 a.m.  |
|  5. | ERCOT Reports |  |  9:45 a.m. |
|  | * Operations Report
 | ERCOT Staff |  |
|  | * System Planning Report
 | F. Garcia |  |
|  | * **Approval of Important Station Voltages for State Estimator Reporting (Vote)**
 | A. Rosenthal |  |
|  | * Defining Solar Regions in ERCOT
 | S. Chang |  |
|  5. | **New Protocol Revision Subcommittee (PRS) Referrals (Vote)** | K. Bunch | 10:15 a.m.  |
|  | * **NPRR926, Removal of 90-Day Period Between SSR Study Approval and Synchronization**
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|  6. | Revision Requests Tabled at PRS, Referred to ROS (Possible Vote) | K. Bunch | 10:25 a.m.  |
|  | * NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks (PDCWG)
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|  | * NPRR913, Generator Interconnection Neutral Project Classification (PLWG)
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|  7. | **ROS Revision Requests (Vote)**  | K. Bunch | 10:35 a.m.  |
|  | *Language Review*  |  |  |
|  | * **NOGRR187, Related to NPRR863, Creation of ERCOT Contingency Reserve Service and Revisions to Responsive Reserve**
 |  |  |
|  | * **NOGRR188, WAN Technology Updates**
 |  |  |
|  | * **NOGRR189, Align Disturbance Monitoring Requirements Deadline with NERC Reliability Standard PRC-002-2**
 |  |  |
|  | *Impact Analysis Review*  |  |   |
|  | * **PGRR069, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource**
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|  | * **NOGRR185, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource**
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|  8. | Revision Requests Tabled at ROS (Possible Vote)  | K. Bunch |  10:50 a.m.  |
|  | * NOGRR183, Remedial Action Scheme (RAS) Submittal and Review Requirements (PLWG/OWG)
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|  | * NOGRR184, Related to NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks (PDCWG)
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|  | * PGRR070, Revised Responsibilities for Performing Geomagnetic Disturbance (GMD) Vulnerability Assessments (PLWG/PGDTF)
 |  |  |
|  9. | Planning Working Group (PLWG) | T. Cook |  11:05 a.m.  |
|  10.  | Operations Working Group (OWG)  | R. Floyd | 11:15 a.m.  |
|  | * NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote)
 |  |  |
|  11. | Performance Disturbance Compliance Working Group (PDCWG) | C. Mulholland  | 11:35 a.m.  |
|  12. | Planning Geomagnetic Disturbance Task Force (PGDTF) | A. Amahatsion | 11:40 a.m.  |
|  13. | System Protection Working Group (SPWG) | M. Davis | 11:45 a.m. |
|  | * **2019 SPWG Leadership (Vote)**
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|  14. | Voltage Profile Working Group (VPWG) | M. Lewis |  11:50 p.m. |
|  | * **VPWG Procedure Manual Update (Vote)**
 |  |  |
|  15. | Steady State Working Group (SSWG) | B. Hithersay | 12:00 p.m.  |
|  16. | Operations Training Working Group (OTWG) | T. Chilton | 12:05 p.m. |
|  17. | Other Business | K. Bunch |  12:10 p.m. |
|  | * ERCOT Nodal ICCP Communication Handbook Discussion
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|  | * Review Open Action Items
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|  | * No Report:
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|  | * + Black Start Working Group (BSWG)
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|  | * + Dynamics Working Group (DWG)
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|  | * + Network Data Support Working Group (NDSWG)
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|  | Adjourn | K. Bunch | 12:15 p.m. |
|  | Future ROS Meetings |  |  |
|  | * May 2, 2019
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|  | * June 6, 2019
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| Open Action Items | Responsible  | Assigned  |
| --- | --- | --- |
| SCT Directive 9: Ancillary Services; Issues related to study of frequency overshoot and LRs UFR setting | DWG |  |
| Review Scope of OWG and OCWG to consider combing Working Groups | OCWG/OWG | 10/11/2018 |
| SCT Directive 4: 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 |