**AGENDA**

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

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

**Thursday, March 7, 2019 / 9:30 a.m.**

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

Meeting Number: 624 169 056

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.  |
|  | * **February 7, 2019**
 |  |  |
|  4. | Technical Advisory Committee (TAC) Update | K. Bunch |  9:40 a.m.  |
|  5. | **2019 ROS Goals (Vote)** | K. Bunch | 9:40 a.m.  |
|  6. | ERCOT Reports |  |  9:45 a.m. |
|  | * Operations Report
 | ERCOT Staff |  |
|  | * System Planning Report
 | J. Billo |  |
|  | * Defining Solar Regions in ERCOT
 | S. Chang |  |
|  | * Final GIC Flow Summary for Benchmark GMD Event
 | P. Yan |   |
|  7. | Southern Cross Assignment Update | M. Mereness |  10:05 a.m.  |
|  | * Southern Cross Directive #3, Determination of Ramp Rate Restrictions
 |  |  |
|  8. | New Protocol Revision Subcommittee (PRS) Referrals (Vote) | K. Bunch | 10:15 a.m.  |
|  | * **NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks**
 |  |  |
|  9. | Revision Requests Tabled at PRS, Referred to ROS (Possible Vote) | K. Bunch | 10:25 a.m.  |
|  | * NPRR896, Reliability Must-Run and Must-Run Alternative Evaluation Process (PLWG)
 |  |  |
|  | * NPRR913, Generator Interconnection Neutral Project Classification (PLWG)
 |  |  |
|  10. | **ROS Revision Requests (Vote)**  | K. Bunch | 10:45 a.m.  |
|  | *Language Review*  |  |  |
|  | * **PGRR069, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource**
 |  |  |
|  | * **PGRR070, Revised Responsibilities for Performing Geomagnetic Disturbance (GMD) Vulnerability Assessments**
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|  | * **NOGRR185, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource (Waive Notice – Possible Vote)**
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|  | *Impact Analysis Review*  |  |   |
|  | * **RRGRR020, Clarify Planning Model Requirements**
 |  |  |
|  11. | Revision Requests Tabled at ROS (Possible Vote)  | K. Bunch |  11:10 a.m.  |
|  | * NOGRR183, Remedial Action Scheme (RAS) Submittal and Review Requirements (PLWG/OWG)
 |  |  |
|  | * NOGRR184, Related to NPRR919, Exemption from Governor Primary Frequency Response Control for Certain Resources in Private Use Networks (PDCWG)
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|  12.  | Operations Working Group (OWG)  | R. Floyd | 11:25 a.m.  |
|  | * OWG Scope (Waive Notice – Possible Vote)
* Revised HITEs Methodology (Waive Notice – Possible Vote)
 |  |  |
|  | * NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote)
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|  | Lunch |  | 11:55 a.m.  |
|  13. | Steady State Working Group (SSWG) | B. Hithersay |  1:10 p.m.  |
|  | * **SSWG Procedure Manual Update (Vote)**
 |  |  |
|  14. | Voltage Profile Working Group (VPWG) | M. Lewis | 1:20 p.m.  |
|  15. | Black Start Working Group (BSWG) | BSWG Leadership | 1:30 p.m.  |
|  | * **2019 BSWG Leadership (Vote)**
 |  |  |
| 16. | Planning Geomagnetic Disturbance Task Force (PGDTF) | A. Amahatsion | 1:40 p.m. |
|  | * PGDTF Scope (Waive Notice – Possible Vote)
* GIC System Model Procedure Manual (Waive Notice – Possible Vote)
 |  |  |
|  17.  | Dynamics Working Group (DWG)  | C. Minchew | 1:50 p.m. |
|  18. | Performance Disturbance Compliance Working Group (PDCWG) | C. Mulholland  | 2:00 p.m.  |
|  19. | Planning Working Group (PLWG) | T. Cook | 2:10 p.m. |
|  20. | Other Business | K. Bunch |  2:20 p.m. |
|  | * Modeling Task Force Discussion
 | F. Huang |  |
|  | * Review Open Action Items
 |   |  |
|  | * No Report:
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|  | * + Operations Training Working Group (OTWG)
 |  |  |
|  | * + Outage Coordination Working Group (OCWG)
 |  |  |
|  | * + Network Data Support Working Group (NDSWG)
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|  | * + System Protection Working Group (SPWG)
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|  | Adjourn | K. Bunch | 2:30 p.m. |
|  | Future ROS Meetings |  |  |
|  | * April 4, 2019
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|  | * May 2, 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 |