**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** |  |  |
|  | * **NOGRR185, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource (Waive Notice – Possible Vote)** |  |  |
|  | *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) |  |  |
| 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) |  |  |
|  | 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: |  |  |
|  | * + Operations Training Working Group (OTWG) |  |  |
|  | * + Outage Coordination Working Group (OCWG) |  |  |
|  | * + Network Data Support Working Group (NDSWG) |  |  |
|  | * + System Protection Working Group (SPWG) |  |  |
|  | Adjourn | K. Bunch | 2:30 p.m. |
|  | Future ROS Meetings |  |  |
|  | * April 4, 2019 |  |  |
|  | * May 2, 2019 |  |  |

| 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 |