**AGENDA**

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

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

**Thursday, July 12, 2018 / 9:30 a.m.**

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

Meeting Number: 625 104 684

Meeting Password: ROS

Teleconference: 1.877.668.4493

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| 1. | | Antitrust Admonition | ERCOT Staff | | 9:30 a.m. |
| 2. | | Outgoing Chair Report | A. Bern | |  |
| 3. | | **Election of 2018 ROS Leadership (Vote)** | ERCOT Staff | |  |
| 4. | | Agenda Review | ROS Chair | |  |
| 5. | | **Approval of ROS Meeting Minutes (Vote)**   * June 7, 2018 | ROS Chair | |  |
| 6. | | Technical Advisory Committee (TAC) Update  *TAC did not meet in June 2018* | T. Burke | |  |
| 7. | | ERCOT Updates |  | | 9:45 a.m. |
|  | | * Operations Report | N. Mago | |  |
|  | | * System Planning Report | F. Huang | |  |
| 8. | | New PRS Referrals   * **NPRR879, SCED Base Point and Performance Evaluation Changes for IRRs that Carry Ancillary Services (Vote)** | ROS Chair | | 10:00 a.m. |
| 9. | | ROS Revision Requests  *Language Review*   * **NOGRR180, Exemption of Governor Dead-Band and Droop Setting Requirements for Steam Turbines of Combined Cycle Generation Resources (Vote)** * **NOGRR181, Transmission Operator (TO) Black Start Plan Submittals (Vote)** * **PGRR065, Transmission Project Information and Tracking (TPIT) Reform (Vote)** * **PGRR066, Interconnection Request Cancellation and Creation of Inactive Status (Vote)** * **PGRR067, Re-powering Procedures (Vote)** * **NPRR882,** Related to PGRR067, Re-powering Procedures (Possible Vote)   *Impact Analysis*   * **RRGRR017, Related to NPRR866, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (Vote)** * **PGRR061, Related to NPRR866, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (Vote)** * **PGRR062, Updates to Generation Interconnection or Change Request (GINR) Process (Vote)** | ROS Chair | | 10:10 a.m. |
| 10. | | Performance Disturbance Compliance Working Group   * **NPRR863**, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve (Possible Vote) * **NPRR872,** Modifying the SASM Shadow Price Cap (Possible Vote) | P. Galliguez | | 10:40 a.m. |
| 11. | | Voltage Profile Working Group | S. Gurrala | | 10:55 a.m. |
| 12. | | Operations Working Group *(OWG did not meet in June 2018)*   * **NPRR849**, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote) * **NOGRR178**, Clarification of Automatic Under-Frequency Load Shed Requirement (OWG) (Possible Vote) | R. Gillean | | 11:00 a.m. |
| 13. | | Planning Working Group   * **NPRR871,** Customer or Resource Entity Funded Transmission Projects Review Process (Possible Vote) * **PGRR063,** Transmission Interconnection Study (PLWG) (Possible Vote) * **PGRR064,** Transmission Dynamic Element Model Verification (PLWG/DWG) (Possible Vote) | B. Myers | | 11:05 a.m. |
| 14. | | Outage Coordination Working Group   * **OCWG Vice Chair (Vote)** | M. Henson | | 11:15 a.m. |
| 15. | | Steady State Working Group | W. Jablonski | | 11:25 a.m. |
| 16. | | Planning Geomagnetic Disturbance Task Force | D. Preas | | 11:30 a.m. |
| 17. | | Black Start Working Group | E. Pierce | | 11:40 a.m. |
| 18. | | Operations Training Working Group   * Create Dual Black Start Training Registration (Possible Vote) * Additional Day for Black Start System Operator Training (Possible Vote) | J. Aldridge | | 11:50 a.m. |
| 19. | | Dynamic Model Task Force | C. Minchew | | 12:00 p.m. |
| 20. | | Other Business |  | | 12:15 p.m. |
|  | | * Review Open Action Items | ROS Chair | |  |
|  | | * No Report: |  | |  |
|  | | * + Dynamics Working Group   + Network Data Support Working Group |  | |  |
|  | | * + Resource Data Working Group   + System Protection Working Group |  | |  |
|  | |  |  | |  |
|  | | Adjourn | ROS Chair | | 12:30 p.m. |
|  | | Future ROS Meetings |  | |  |
|  | | * August 9, 2018 |  | |  |
| **Open Action Items** | | | **Responsible Party** | |
| NOGRR178, Clarification of Automatic Under-Frequency Load Shed Requirement | | | OWG | |
| DER Mapping | | | ROS | |
| BAL-001-TRE Standard Workshop Items | | | PDCWG | |
| CRR Model/Outage Considerations | | | OCWG | |
| NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI | | | OWG/VPWG | |
| NPRR863, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve | | | PDCWG | |
| NPRR871, | | |  | |
| NPRR872, Modifying the Shadow SASM Price Cap | | | PDCWG | |
| ~~NPRR866, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model~~ | | | ~~PLWG~~ | |
| ~~PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model~~ | | | ~~PLWG/OWG~~ | |
| ~~RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model~~ | | | ~~PLWG~~ | |
| ~~PGRR062, Updates to GINR Process~~ | | | ~~PLWG~~ | |
| PGRR063, Transmission Interconnection Study | | | PLWG | |
| PGRR064, Transmission Dynamic Element Model Verification | | | PLWG/DWG | |
| Clarification of Projects Associated with Direct Interconnection of New Generation | | | PLWG | |
| 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 | |