**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
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|  | Adjourn | ROS Chair | 12:30 p.m. |
|  | Future ROS Meetings |  |  |
|  | * August 9, 2018
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| **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 |