**AGENDA**

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

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

**Thursday, June 7, 2018 / 9:30 a.m.**

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

Meeting Number: 621 046 713

Meeting Password: ROS

Teleconference: 1.877.668.4493

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| 1. | | Antitrust Admonition | A. Bern | | 9:30 a.m. |
| 2. | | Agenda Review | A. Bern | |  |
| 3. | | **Approval of ROS Meeting Minutes (Vote)**   * May 3, 2018 | A. Bern | |  |
| 4. | | Technical Advisory Committee (TAC) Update | T. Burke | | 9:35 a.m. |
| 5. | | ERCOT Updates |  | | 9:40 a.m. |
|  | | * Operations Report | N. Mago | |  |
|  | | * System Planning Report | J. Billo | |  |
| 6. | | New PRS Referrals   * **NPRR871, Customer or Resource Entity Funded Transmission Projects Review Process (Vote)** * **NPRR872, Modifying the SASM Shadow Price Cap (Vote)** | A. Bern | | 9:50 a.m. |
| 7. | | ROS Revision Requests   * Language Review (None) * Impact Analysis   + **NOGRR174, AVR and PSS Testing Requirements (Vote)**   + **NOGRR177, Related to NPRR857, Creation of Direct Current Tie Operator Market Participant Role (Vote)** | A. Bern | | 10:00 a.m. |
| 8. | | Performance Disturbance Compliance Working Group   * **NPRR863**, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve (Possible Vote) | P. Galliguez | | 10:10 a.m. |
| 9. | | Voltage Profile Working Group | S. Gurrala | | 10:25 a.m. |
| 10. | | Operations Working Group – *No Action Requested*   * **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) |  | |  |
| 11. | | Dynamics Working Group | J. Li | | 10:30 a.m. |
| 12. | | Planning Working Group   * **NPRR866**, Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote) * **PGRR061**, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG/OWG) (Possible Vote) * **RRGRR017**, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote) * **PGRR062**, Updates to GINR Process (Possible Vote) * **PGRR063,** Transmission Interconnection Study (PLWG) (Possible Vote) * **PGRR064,** Transmission Dynamic Element Model Verification (PLWG/DWG) (Possible Vote) | B. Myers | | 10:40 a.m. |
| 13. | | **Move to Inactive List: Resource Data Working Group (Vote)** | A. Bern | | 10:55 a.m. |
| 14. | | Planning Geomagnetic Disturbance Task Force | A. Amahatsion | | 11:05 a.m. |
| 15. | | Operations Training Working Group | J. Aldridge | | 11:15 a.m. |
| 16. | | Energy Management Systems Working Group | S. White | | 11:25 a.m. |
| 17. | | Critical Infrastructure Protection Working Group | C. Hasha | | 11:35 a.m. |
| 18. | | Other Business |  | | 11:45 a.m. |
|  | | * Southern Cross Dashboard Update | M. Mereness | |  |
|  | | * Review Open Action Items | A. Bern | |  |
|  | | * No Report: |  | |  |
|  | | * + Black Start Working Group |  | |  |
|  | | * + Network Data Support Working Group |  | |  |
|  | | * + Dynamic Model Task Force |  | |  |
|  | | * + Outage Coordination Working Group |  | |  |
|  | | * + Resource Data Working Group   + Steady State Working Group   + System Protection Working Group |  | |  |
|  | |  |  | |  |
|  | | Adjourn | A. Bern | | 11:55 a.m. |
|  | | Future ROS Meetings |  | |  |
|  | | * July 10, 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 | |
| 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 | |