**AGENDA**

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

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

**Thursday, April 5, 2018 / 9:30 a.m.**

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

Meeting Number: 626 410 369

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)*** March 1, 2018
 | A. Bern |  |
| 4. | Technical Advisory Committee (TAC) Update and Assignments | T. Burke |  9:35 a.m. |
| 5. | ERCOT Updates |  | 9:45 a.m. |
|  | * Operations Report
 | N. Mago |   |
|  | * System Planning Report
 | J. Billo |  |
| 6. | New PRS Referrals |  |  |
|  | * NPRR866, Mapping Registered Distributed Generation and Load Resourced to Transmission Loads in the Network Operations Model (Possible Vote)
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| 7. | Revision Requests Tabled at PRS, Previously Referred to ROS* NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI (OWG/VPWG) (Possible Vote)
* NPRR851, Procedure for Managing Disconnections for Bidirectional Electrical Connections at Transmission Level Voltages (OWG) (Possible Vote)
* NPRR863, Creation of Primary Frequency Response Service Product and Revisions to Responsive Reserve (PDCWG) (Possible Vote)
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|  8. | Review of Revision Requests * Language
	+ **NOGRR177, Related to NPRR857, Creation of Direct Current Tie Operator Market Participant Role (Vote)**
	+ **NOGRR178, Clarification of Automatic Under-Frequency Load Shed Requirement (Vote)**
	+ **PGRR062, Updates to GINR Process (Vote)**
* Impact Analysis
	+ **NOGRR176, Hotline Call Participation (Vote)**
	+ **PGRR059, Related to NPRR837, Regional Planning Group (RPG) Process Reform (Vote)**
	+ **PGRR060, Clarification of Reliability Performance Criteria (Vote)**
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|  9. | Revision Requests Tabled at ROS* NOGRR174, AVR and PSS Testing Requirements (OWG/DWG) (Possible Vote)
* PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote)
* RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model (PLWG) (Possible Vote)
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| 10. | Operations Working Group | R. Gillean | 10:00 a.m. |
| 11. | SCT Directive #5 Recommendation (PLWG) (Possible Vote) | B. Myers | 10:15 a.m. |
| 12. | Performance Disturbance Compliance Working Group* SCT Directive #8 Recommendation (Possible Vote)
 | P. Galliguez | 10:25 a.m. |
| 13. | Voltage Profile Working Group | S. Gurrala | 10:40 a.m. |
| 14. | Steady State Working Group | W. Jablonski |  10:45 a.m. |
| 15. | Planning Geomagnetic Disturbance Task Force | D. Preas | 10:55 a.m.  |
| 16. | Black Start Working Group | E. Pierce | 11:10 a.m. |
| 17. | Operations Training Working Group | J. Aldridge | 11:15 a.m. |
| 18. | System Protection Working Group | G. Corpuz | 11:25 a.m. |
| 19. | Outage Coordination Working Group | M. Henson | 11:35 a.m. |
| 20. | Other Business | A. Bern |  11:45 a.m. |
|  | * PSCAD Analysis – Prepare Comments/Questions for May 3, 2018 ROS
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|  | * Review Open Action Items
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|  | * No Report:
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|  | * + Dynamic Model Task Force
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|  | * + Network Data Support Working Group
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|  | * + Planning Working Group
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|  | * + Resource Data Working Group
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|  | Adjourn | A. Bern | 12:00 p.m. |
|  | Future ROS Meetings |  |  |
|  | * May 3, 2018
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| **Open Action Items**  | **Responsible Party** |
| UFLS (Draft NOGRR) | OWG |
| ~~Generator Islanding during a Contingency~~ | ~~OWG~~ |
| DER Mapping | ROS |
| BAL-001-TRE Standard Workshop Items | PDCWG |
| ~~NPRR837, Regional Planning Group (RPG) Process Reform~~ | ~~PLWG~~ |
| ~~PGRR059, Related to NPRR837, Regional Planning Group Process Reform~~ | ~~PLWG~~ |
| NPRR849, Clarification of the Range of Voltage Set Points at a Generation Resource’s POI | OWG/VPWG |
| NPRR851, Procedure for Managing Disconnections for Bidirectional Electrical Connections | OWG |
| ~~NPRR857, Creation of Direct Current Tie Operator Market Participant Role~~  | ~~OWG~~ |
| 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 |
| ~~NOGRR174, AVR and PSS Testing Requirements (Possible Vote)~~ | ~~OWG/DWG~~ |
| ~~NOGRR176, Hotline Call Participation~~ | ~~OWG~~ |
| PGRR061, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | PLWG |
| RRGRR017, Related to NPRR866 Mapping Registered Distributed Generation and Load Resources to Transmission Loads in the Network Operations Model | PLWG |
| Clarification of Projects Associated with Direct Interconnection of New Generation | PLWG |
| SCT Directive 5: Planning Model Considerations | PLWG |
| SCT Directive 8: Frequency Response and Voltage Support; Primary Frequency Response Study) | PDCWG |
| 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 |