**AGENDA**

**ERCOT Reliability Operations Subcommittee (ROS) Meeting – by WebEx Only**

**Thursday, December 3, 2020 / 9:30 a.m.**

[Webex Conference](https://ercot.webex.com/)

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 126 396 1973

Password: KWv554

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  | Log in and validation for ROS Standing Representatives | S. Clifton | 9:15 a.m.  |
|  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. |
|  | * **November 5, 2020**
 |  |  |
|  4.  | Technical Advisory Committee (TAC) Update | K. Bunch | 9:40 a.m. |
|  5. | ERCOT Reports |  |  9:45 a.m.  |
|  | * Operations Report
 | ERCOT Staff |  |
|  | * System Planning Report
 | P. Yan |   |
|  | * Valley GTCs Update
 | Y. Cheng  |   |
|  6. | Southern Cross Directive #8, DC Tie Voltage Support Service (Possible Vote) | J. Billo | 10:20 a.m.  |
|  7. | Revision Requests Tabled at PRS, Referred to ROS (Possible Vote) | K. Bunch |  10:35 a.m.  |
|  | * NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols
 |  |  |
|  8. | **ROS Revision Requests (Vote)**  | K. Bunch  | 10:40 a.m.  |
|  | ***Impact Analyses*** |  |  |
|  | * **RRGRR027, Clarify Models Required to Proceed with an FIS**
 |  |  |
|  | * **PGRR086, Related to RRGRR027, Clarify Models Required to Proceed with an FIS**
 |  |  |
|  | * **PGRR087, Remedial Action Scheme Planning Assumptions**
 |  |  |
|  9. | Revision Requests Tabled at ROS (Possible Vote) | K. Bunch | 11:00 a.m.  |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions
 |  |  |
|  | * NOGRR199, Related to NPRR979, Incorporate State Estimator Standards and Telemetry Standards into Protocols
 |  |  |
|  10. | Operations Working Group (OWG) | R. Floyd |  11:10 a.m. |
|  | * NOGRR215, Limit Use of Remedial Action Schemes (Possible Vote)
 |  |  |
|  | * NOGRR219, Related to NPRR1045, Transmission Operator Definition and Designation (Possible Vote)
 |  |  |
|  | * NPRR1045, Transmission Operator Definition and Designation (Possible Vote)
 |  |  |
|  11. | Planning Working Group (PLWG)  | T. Cook |  11:30 a.m. |
|  | * PGRR088, Include Financial Security Amount in the Monthly Generator Interconnection Status Report (Possible Vote)
 |  |  |
|  | * NPRR1044, Enhancement of SSR Mitigation Requirement (Possible Vote) (PLWG) (DWG)
 |  |  |
|  12. | Dynamic Working Group (DWG)  | R.Egunjobi | 11:50 a.m. |
|  | * PGRR085, Dynamic Model Improvements (Possible Vote)
 |  |  |
|  13. | Planning Geomagnetic Disturbance Task Force (PGDTF) | A. Kandah |  12:05 p.m. |
|  | * **PGDTF Scope (Vote)**
 |  |  |
|  14. | Performance Disturbance Compliance Working Group (PDCWG)  | C. Mulholland |  12:10 p.m. |
|  | * OBDRR025, Clarification for the RRS Limit on Individual Non-Thermal Generation Resources (Possible Vote)
 |  |  |
|  | * NPRR1040, Compliance Metrics for Ancillary Service Supply Responsibility
 |  |  |
|  15. | **Combo Ballot (Vote)** | K. Bunch  |  12:40 p.m. |
|  16.  | Network Data Support Working Group (NDSWG) | J. Yatar |  12:50 p.m. |
|  17. | System Protection Working Group (SPWG) | J. Karlik |  1:00 p.m. |
|  18. | Other Business | K. Bunch  |  1:10 p.m.  |
|  | * Review Open Action Items
 |   |  |
|  | * No Report:
 |  |  |
|  | * + Black Start Working Group (BSWG)
	+ Operations Training Working Group (OTWG)
	+ Steady State Working Group (SSWG)
	+ Voltage Profile Working Group (VPWG)
 |  |  |
|  | Adjourn | K. Bunch  |  1:15 p.m.  |
|  | Future ROS Meetings |  |  |
|  | * January 7, 2021
 |  |  |
|  | * February 4, 2021
 |  |  |

| Open Action Items | Responsible  | Assigned  |
| --- | --- | --- |
| Inverter-Based Resource Issue 3, Voltage Ride through  | DWG | 07/11/2019 |
| Inverter-Based Resource Issue 4, Dynamic Models | DWG | 07/11/2019 |
| ERCOT Nodal ICCP Communication Handbook – update to include review of what is binding and what is nonbinding, consider what is in reference material, OBD and Operating Guide, and then figure out repository | NDSWG | 05/02/201904/04/2019 |
| TAC Assignment: Reliability considerations regarding Outage Activity Related to Operating Condition Notice (OCN) | OWG review Operating Guides to confirm consistent after WMS/WMWG review the issues | 07/11/2019 |
| Evaluating and improving ERCOT’s Dynamic Frequency Response Model  | PDCWG | 07/11/2019 |
| Develop Methodology for ESR and below studies as requested by Battery Energy Storage Task Force (BESTF) * Outage Coordination Studies – OWG
* Operational Studies – PLWG/OWG

Transmission Planning Studies – PLWG/OWG | OWG/PLWG | 03/05/2020 |
| ROS Assignments from 08/21/2020 Transmission for Generation Workshop: * Joint Meeting with OWG/CMWG
* ERCOT requested stakeholders provide ideas on non-discriminatory criteria that could be used to allow a limited number of RASs and avoid ERCOT’s identified concerns
* Stakeholders requested ERCOT provide historic information on RAS mis-operations and failures to operate
 | OWG | 09/03/2020 |
| *Southern Cross Directives* Directive 9, Ancillary Services* Issues related to study of frequency overshoot and LRs UFR setting
* Margin between min RRS Procurement & Contingency Reserve Requirements

Address issues related to NSRS and Regulation Service | ROS DWGOWG/PDCWGPDCWG | 03/07/2019 |
| TAC Assignment: Summer Assessment Items* Emergency Response Service (ERS)

3/5/2020 ROS Information Session OWG reported TAC/ROS/OWG assignment completed – Pending is ROS Leadership need to report to TAC at next in person meeting then remove* Process for Summer demand response study (RMS,WMS then ROS)
* Non-Frequency Responsive Capacity (NFRC) versus Physical Responsive Capability (PRC) reserves when Gen RRS is released
 | ROSROS PDCWG | 12/05/2019  |