**AGENDA**

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

Thursday, October 5, 2023 , 2023 / 9:30 a.m.

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 2553 209 2933

Password: RAb#83

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|  | Validation for ROS Standing Representatives | Suzy Clifton | 9:15 a.m. |
| 1. | Antitrust Admonition | Chase Smith | 9:30 a.m. |
| 2. | Agenda Review | Chase Smith |  |
| 3. | Technical Advisory Committee (TAC) Update | Chase Smith | 9:35 a.m. |
| 4. | ERCOT Reports |  | 9:40 a.m. |
|  | * Operations Report | Alex Lee |  |
|  | * System Planning Report | Ping Yan |  |
|  | * Generic Transmission Constraint (GTC) Update | Yunzhi Cheng |  |
| 5. | **ROS Revision Requests (Vote)** | Chase Smith | 9:55 a.m. |
|  | ***Impact Analysis*** |  |  |
|  | * **PGRR110, Revision to Accommodate Steady-State Node-Breaker Modeling** |  |  |
|  | * **NOGRR257, Removal of Redundant ERS Reporting Requirement** |  |  |
|  | ***Language Review*** |  |  |
|  | * **PGRR112, Dynamic Data Model and Full Interconnection Study (FIS) Deadline for Quarterly Stability Assessment** |  |  |
|  | * **NOGRR258, Related to NPRR1198, Congestion Mitigation Using Topology Reconfigurations** |  |  |
| 6. | Operations Working Group (OWG) | Theresa Noyes | 10:35 a.m. |
|  | * NPRR1070, Planning Criteria for GTC Exit Solutions (OWG/PLWG) (Possible Vote) |  |  |
| 7. | Revision Requests Tabled at ROS (Possible Vote) | Chase Smith | 10:55 a.m. |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions |  |  |
|  | * PGRR111, Related to NPRR1191, Registration, Interconnection, and Operation of Customers with Large Loads; Information Required of Customers with Loads 25 MW or Greater |  |  |
|  | * RRGRR036, Related to NPRR1191, Registration, Interconnection, and Operation of Customers with Large Loads; Information Required of Customers with Loads 25 MW or Greater |  |  |
|  | * NOGRR256, Related to NPRR1191, Registration, Interconnection, and Operation of Customers with Large Loads; Information Required of Customers with Loads 25 MW or Greater |  |  |
| 8. | Planning Working Group (PLWG) | Alex Miller | 10:55 a.m. |
|  | * NPRR1180, Inclusion of Forecasted Load in Planning Analyses (PLWG) (Possible Vote) |  |  |
|  | * PGRR107, Related to NPRR1180, Inclusion of Forecasted Load in Planning Analyses (PLWG) (Possible Vote) |  |  |
|  | * PGRR109, Dynamic Model Review Process Improvement for Inverter-Based Resource (IBR) Modification (PLWG) (IBRWG) (Possible Vote) |  |  |
| 9. | Inverter Based Resources Working Group (IBRWG) | Mohammad Albaijat | 11:15 a.m. |
|  | * NOGRR255, High Resolution Data Requirements (DWG) (IBRTF) (SPWG) (Possible Vote) |  |  |
|  | Break |  | 11:25 a.m. |
| 10. | Dynamics Working Group (DWG) | Javier Martinez | 11:35 a.m. |
|  | * **DWG Procedure Manual (Vote)** |  |  |
| 11. | Steady State Working Group (SSWG) | Josh Wichers | 11:45 a.m. |
|  | * PGRR106, Clarify Projects Included in Transmission Project Information and Tracking (TPIT) Report (SSWG) (Possible Vote) |  |  |
| 12. | **Combo ballot (Vote)** | Chase Smith | 12:05 p.m. |
| 13. | Black Start Working Group (BSWG) | Michael Dieringer | 12:10 p.m. |
| 14. | Performance Disturbance Compliance Working Group (PDCWG) | Jimmy Jackson | 12:25 p.m. |
| 15. | Other Business | Chase Smith | 12:40 p.m. |
|  | * October 13, 2023 Annual TAC Subcommittee Structural Review |  |  |
|  | * 2024 ERCOT Membership/Segment Representative Elections | Suzy Clifton |  |
|  | * Review Open Action Items List |  |  |
|  | * No Report |  |  |
|  | * Network Data Support Working Group (NDSWG) |  |  |
|  | * Operations Training Working Group (OTWG) |  |  |
|  | * System Protection Working Group (SPWG) |  |  |
|  | * Voltage Profile Working Group (VPWG) |  |  |
|  | Adjourn | Chase Smith | 1:00 p.m. |
|  | Future ROS Meetings |  |  |
|  | * November 2, 2023 |  |  |
|  | * December 7, 2023 |  |  |

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| Open Action Items | Responsible | Assigned |
| Inverter-Based Resource Issue 3, Voltage Ride through | 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  Update: effort restarted and being reviewed next few meetings | NDSWG | 04/01/2021 Update  05/02/2019  04/04/2019 |
| Evaluating and improving ERCOT’s Dynamic Frequency Response Model | PDCWG | 07/11/2019 |
| Review the total amount of RRS and PFR that can come from Energy Storage Resources (ESRs), and with ERCOT determine if there will be any limits applied to ESRs so that Stakeholders can identify restrictions applicable to developing projects | PDCWG | 11/05/2020 |
| Summer Assessment Item: Non-Frequency Responsive Capacity (NFRC) versus Physical Responsive Capability (PRC) reserves when Gen RRS is released | PDCWG | 01/06/2022 |
| TAC Assignment: Remaining KTCs from Battery Energy Storage Task Force (BESTF)   * KTC 15-5 Black Start Service * KTC 15-6 RMR and MRA Services   (9/7/23 ROS Meeting - assignment from PLWG to ROS, based on 3/2/23 ROS meeting/PLWG report, and updated review that this item is broader than PLWG, Multiple WGs so remain at ROS)   * KTC 15-9 Governor Dead-band Telemetry as a Concept | ROS  BSWG  ROS  PDCWG/DWG | 04/29/2021  04/29/2021  09/07/2023  04/29/2021 |
| TAC Assignment: CSAPR NOx Season Allowance Issues | ROS/WMS | 01/05/2023 |
| TAC Assignment: Calculating Loads/Load Shedding in Real-Time (related to NOGRR243). Awaiting TOs to meet and PUCT rulemaking – for concepts to be brought forward for ROS review. | ROS | 01/05/2023 |
| TAC Assignment: ECRS Follow Up: Setting appropriate volumes for ECRS; duration concerns and battery participation; reasoning for ECRS deployments in operations communications; providing data on aggregate basis prior to 60 day deployment | ROS | 06/27/23 |
| TAC Assignment: ERCOT Load Forecast – review of dashboard information. | ROS | 06/27/23 |