**AGENDA**

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

Thursday, July 6, 2023 / 9:30 a.m.

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 2555 871 0533

Password: Mxb#N2

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  | 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. |
|  | * Meeting Administration Requests |  |  |
|  | * ERCOT Load Forecast |  |  |
| 4. | ERCOT Reports |  | 9:40 a.m. |
|  | * Operations Report | Alex Lee |  |
|  | * System Planning Report | Robert Golen |  |
|  | * ECRS Update | ERCOT Staff |  |
| 5. | NPRR1186, Improvements Prior to the RTC+B Project for Better ESR State of Charge Awareness, Accounting, and Monitoring – Urgent (Possible Vote) | Nitika Mago | 10:20 a.m. |
| 6. | **New Protocol Revision Subcommittee (PRS) Referrals (Vote)** | Chase Smith | 10:50 a.m. |
|  | * **NPRR1180, Inclusion of Forecasted Load in Planning Analyses** |  |  |
| 7. | **ROS Revision Requests (Vote)** | Chase Smith | 11:05 a.m. |
|  | ***Impact Analysis*** |  |  |
|  | * **NOGRR215, Limit Use of Remedial Action Schemes** |  |  |
|  | * **NOGRR247, Change UFLS Stages and Load Relief Amounts** |  |  |
|  | * **NOGRR252, Related to NPRR1176, Update to EEA Trigger Levels** |  |  |
|  | * **PGRR105, Deliverability Criteria for DC Tie Imports** |  |  |
|  | * **PGRR108, Related to NPRR1183, ECEII Definition Clarification and Updates to Posting Rules for Certain Documents without ECEII** |  |  |
| 8. | Revision Requests Tabled at ROS (Possible Vote) | Chase Smith | 11:25 a.m. |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions |  |  |
|  | Break |  | 11:25 a.m. |
| 9. | Operations Working Group (OWG) | Theresa Noyes | 11:35 a.m. |
|  | * NPRR1070, Planning Criteria for GTC Exit Solutions (OWG/PLWG) (Possible Vote) |  |  |
|  | * NOGRR245, Inverter-Based Resource (IBR) Ride-Through Requirements (OWG, DWG, IBRTF) (Possible Vote) |  |  |
|  | * NOGRR249, Communication of System Operating Limit Exceedances (OWG) (Possible Vote) |  |  |
|  | * NPRR1171, Requirements for DGRs and DESRs on Circuits Subject to Load Shedding (OWG) (Possible Vote) |  |  |
|  | * NOGRR250, Related to NPRR1171, Requirements for DGRs and DESRs on Circuits Subject to Load Shedding (OWG) (Possible Vote) |  |  |
|  | * RRGRR035, Related to NPRR1171, Requirements for DGRs and DESRs on Circuits Subject to Load Shedding (OWG) (Possible Vote) |  |  |
| 10. | Dynamics Working Group (DWG) | Javier Martinez | 11:55 a.m. |
| 11. | Inverter Based Resources Task Force (IBRTF) | Stephen Solis | 12:00 p.m. |
|  | * Disband IBRTF |  |  |
| 12. | **Inverter Based Resources Working Group (IBRWG) (Vote)** | Freddy Garcia | 12:10 p.m. |
|  | * **IBRWG Scope** |  |  |
|  | * **IBRWG Leadership** |  |  |
| 13. | **ROS Procedures (Vote)** | Chase Smith | 12:25 p.m. |
| 14. | Planning Working Group (PLWG) | Alexandra Miller | 12:30 p.m. |
|  | * PGRR107, Related to NPRR1180, Inclusion of Forecasted Load in Planning Analyses (Possible Vote) (PLWG) |  |  |
| 15. | Steady State Working Group (SSWG) | Joshua Wichers | 12:40 p.m. |
|  | * PGRR106, Clarify Projects Included in Transmission Project Information and Tracking (TPIT) Report (SSWG) (Possible Vote) |  |  |
| 16. | System Protection Working Group (SPWG) | Andrew Mattei | 12:55 p.m. |
| 17. | Network Data Support Working Group (NDSWG) | Aniruddha Khedlekar | 1:00 p.m. |
|  | * NPRR1164, Black Start and Isochronous Control Capable Identification (NDSWG) (SPWG) (Possible Vote) |  |  |
|  | * RRGRR033, Related to NPRR1164, Black Start and Isochronous Control Capable Identification (NDSWG) (SPWG) (Possible Vote) |  |  |
| 18. | **Combo ballot (Vote)** | Chase Smith | 1:15 p.m. |
| 19. | Performance Disturbance Compliance Working Group (PDCWG) | Chad Mulholland | 1:20 p.m. |
| 20. | Other Business | Chase Smith | 1:30 p.m. |
|  | * NOGRR255, High Resolution Data Requirements | Stephen Solis |  |
|  | * 2024 Meeting Schedule |  |  |
|  | * Review Open Action Items List |  |  |
|  | * No Report |  |  |
|  | * Black Start Working Group (BSWG) |  |  |
|  | * Operations Training Working Group (OTWG) |  |  |
|  | * Voltage Profile Working Group (VPWG) |  |  |
|  | Adjourn | Chase Smith | 1:45 p.m. |
|  | Future ROS Meetings |  |  |
|  | * August 3, 2023 |  |  |
|  | * September 7, 2023 |  |  |

|  |  |  |
| --- | --- | --- |
| 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 |
| 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 |
| TAC Assignment: Remaining KTCs from Battery Energy Storage Task Force (BESTF)   * KTC 15-5 Black Start Service * KTC 15-6 RMR and MRA Services * KTC 15-9 Governor Dead-band Telemetry as a Concept | ROS  BSWG  PLWG  PDCWG/DWG | 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 |