**AGENDA**

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

Wednesday, February 8, 2023 / 9:30 a.m.

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 2553 612 3686

Password: awUM#35

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|  | Validation for ROS Standing Representatives | Suzy Clifton | 9:15 a.m. |
| 1. | Antitrust Admonition | Katie Rich | 9:30 a.m. |
| 2. | Agenda Review | Katie Rich |  |
| 3. | **Approval of ROS Meeting Minutes (Vote)** | Katie Rich |  |
|  | * **January 5, 2023** |  |  |
| 4. | Technical Advisory Committee (TAC) Update | Katie Rich | 9:35 a.m. |
| 5. | **2023 ROS Working Group/Task Force Leadership (Vote)** | Katie Rich |  |
| 6. | 2023 ROS Goals (Possible Vote) | Katie Rich |  |
| 7. | ERCOT Reports |  | 9:45 a.m. |
|  | * Operations Report | ERCOT Staff |  |
|  | * System Planning Report | Ping Yan |  |
|  | * Transient Security Assessment Tool (TSAT) Model Update | ERCOT Staff |  |
| 8. | **ROS Revision Requests (Vote)** | Katie Rich | 10:10 a.m. |
|  | ***Language Review*** |  |  |
|  | * **NOGRR245, Inverter-Based Resource (IBR) Ride-Through Requirements** | Stephen Solis |  |
| 9. | Revision Requests Tabled at ROS (Possible Vote) | Katie Rich | 10:40 a.m. |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions |  |  |
|  | * NOGRR230, WAN Participant Security |  |  |
|  | * NPRR1150, Related to NOGRR230, WAN Participant Security |  |  |
|  | Break |  | 10:40 a.m. |
| 10. | Operations Working Group (OWG) | OWG Leadership | 10:50 a.m. |
|  | * NOGRR215, Limit Use of Remedial Action Schemes (OWG) (Possible Vote) |  |  |
| 11. | Planning Working Group (PLWG) | PLWG Leadership | 11:00 a.m. |
|  | * NPRR1070, Planning Criteria for GTC Exit Solutions (OWG/PLWG) (Possible Vote) |  |  |
|  | * PGRR103, Establish Time Limit for Generator Commissioning Following Approval to Synchronize (OWG/PLWG) |  |  |
|  |  |  |  |
| 12. | Inverter Based Resources Task Force (IBRTF) | IBRTF Leadership | 11:15 a.m. |
| 13 | Steady State Working Group (SSWG) | SSWG Leadership | 11:25 a.m. |
|  | * **SSWG Procedure Manual (Vote)** |  |  |
| 14. | **Combo ballot (Vote)** | Katie Rich | 11:35 a.m. |
| 15. | Network Data Support Working Group (NDSWG) | NDSWG Leadership | 11:40 a.m. |
| 16. | Performance Disturbance Compliance Working Group (PDCWG) | PDCWG Leadership | 11:50 a.m. |
| 17. | Steady State Working Group (SSWG) | SSWG Leadership | 12:00 p.m. |
| 18. | Operations Training Working Group (OTWG) | OTWG Leadership | 12:10 p.m. |
| 19. | Other Business | Katie Rich | 12:20 p.m. |
|  | * CSAPR NOx Season Allowance Workshop Update | Katie Rich |  |
|  | * Review Open Action Items List |  |  |
|  | * No Report |  |  |
|  | * Black Start Working Group (BSWG) |  |  |
|  | * Dynamics Working Group (DWG) |  |  |
|  | * System Protection Working Group (SPWG) |  |  |
|  | * Voltage Profile Working Group (VPWG) |  |  |
|  | Adjourn | Katie Rich | 12:35 p.m. |
|  | Future ROS Meetings |  |  |
|  | * March 2, 2023 |  |  |
|  | * April 6, 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 |
| Review potential reliability benefits associated with DC Ties and assess if planning criteria changes are needed to realize those benefits. Assignment includes consideration of 1/27/22 PUCT Open meeting discussion relating to the potential addition of interconnection and planning issues associated with DC Ties and lines to an upcoming PUCT rulemaking to implement Senate bill 1281. | PLWG | 02/07/2022 |
| 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 |