**AGENDA**

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

**Thursday, April 29, 2021 / 9:30 a.m.**

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 182 618 9789

Password: Vc83m#

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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. | **Approval of ROS Meeting Minutes (Vote)** | Chase Smith |  9:35 a.m.  |
|  | * **April 1, 2021**
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|  4. | Technical Advisory Committee (TAC) Update | Chase Smith |  9:40 a.m.  |
|  | * Emergency Conditions Issues List
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|  5.  | 2021 ROS Goals (Possible Vote) | Chase Smith |  10:10 a.m.  |
|  6. | ERCOT Reports |  |  10:20 a.m.  |
|  | * Operations Report
 | ERCOT Staff |  |
|  | * System Planning Report
 | Ping Yan |   |
|  | * Generic Transmission Constraint (GTC) Update
 | Yunzhi Cheng |  |
|  | * TSAT models update
 | Mehdi Daryabak  |  |
|  7. | **Urgency Vote(s) (Vote)**  | Chase Smith |  10:50 a.m.  |
|  | * **PGRR090, Additional Flexibility for Updates to Seasonal Net Max Sustainable Rating**
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|  8. | **New Protocol Revision Subcommittee (PRS) Referrals (Vote)** | Chase Smith |  11:10 a.m.  |
|  | * **NPRR1070, Planning Criteria for GTC Exit Solutions**
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|  | * **SCR813, NMMS Jointly-Rated Equipment Coordination Confirmation**
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|  6. | Revision Requests Tabled at PRS, Referred to ROS (Possible Vote) | Chase Smith |  11:40 a.m. |
|  | * NPRR1063, Dynamic Rating Transparency
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|  10. | System Protection Working Group (SPWG) | Vincent Roberts  |  11:45 a.m.  |
|  11. | **ROS Revision Requests (Vote)**  | Chase Smith |  11:55 a.m.  |
|  | ***Impact Analysis Review*** |  |  |
|  | * **RRGRR028, Transformer Impedance Clarifications**
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|  | * **PGRR088, Include Financial Security Amount in the Monthly Generator Interconnection Status Report**
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|  12. | Revision Requests Tabled at ROS (Possible Vote) | Chase Smith |  12:05 p.m.  |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions
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|  13. | Planning Working Group (PLWG) | Charles DeWitt |  12:10 p.m.  |
|  | * PGRR089, Planning Data and Information Updates for Planning Posting (Possible Vote)
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|  | * NPRR1056, Market Impact Generic Transmission Constraint (GTC) Notification (Possible Vote) (OWG/PLWG)
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|  14. | Operations Working Group (OWG)  | Rickey Floyd |  12:20 p.m.  |
|  | * NOGRR215, Limit Use of Remedial Action Schemes (Possible Vote)
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|  | * NOGRR223, Add Phasor Measurement Recording Equipment Requirement to Modified Generating Facilities in Interconnection Process (Possible Vote)
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|  15. | **Combo Ballot (Vote)** | Chase Smith |  12:25 p.m.  |
|  16. | Performance Disturbance Compliance Working Group (PDCWG)  | Chad Mulholland |  12:30 p.m. |
|  17. | Network Data Support Working Group (NDSWG) | J-M Yatar |  12:35 p.m. |
|  18. | Steady State Working Group (SSWG) | Chenyan Guo |  12:45 p.m.  |
|  19. | Voltage Profile Working Group (VPWG) | Scot Williams |  12:55 p.m.  |
|  20. | Black Start Working Group (BSWG) | Tony Kroskey |  1:05 p.m.  |
|  21. | Other Business | Chase Smith |  1:15 p.m.  |
|  | * Review Open Action Items List
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|  | * No Report:
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|  | * + Dynamic Working Group (DWG)
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|  | * + Operations Training Working Group (OTWG)
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|  | * + Planning Geomagnetic Disturbance Task Force (PGDTF)
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|  | * + System Protection Working Group (SPWG)
 |  |  |
|  | Adjourn | Chase Smith |  1:30 p.m.  |
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|  | Future ROS Meetings |  |  |
|  | * June 3, 2021
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|  | * July 8, 2021
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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 repositoryUpdate: effort restarted and being reviewed next few meetings  | NDSWG | 04/01/2021 Update05/02/201904/04/2019 |
| 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 |
| 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* Margin between min RRS Procurement & Contingency Reserve Requirements
* Address issues related to NSRS and Regulation Service
 | ROS PDCWG (OWG complete 1/7/21)PDCWG | 01/07/202103/07/2019 |
| TAC Assignment: Summer Assessment Items* Non-Frequency Responsive Capacity (NFRC) versus Physical Responsive Capability (PRC) reserves when Gen RRS is released
 | PDCWG | 12/05/2019  |
| TAC Assignment: [Emergency Conditions List Review](http://www.ercot.com/committee/tac) | ROS | 03/24/2021 |