

Agenda

System Planning Impacts of DER Working Group (SPIDERWG) Meeting

April 30, 2024 | 9:00 a.m. – 5:00 p.m. Eastern

May 1, 2024 | 9:00 a.m. – 5:00 p.m. Eastern

WebEx

Click here to join: [Join Meeting](#)

Teleconference: 1.415.655.0002 | Access Code: 2304 542 3638

Meeting Password: cMmmFuUh332

Materials Available: [SPIDERWG Extranet](#)

Day One

Time	Topic	Point of Contact
Overall SPIDERWG Activities		
9:00 a.m.	NERC Antitrust Compliance Guidelines , Public Meeting Notice , Participant Conduct Policy , Introductions, and Safety Briefing.	All
9:10 a.m.	Opening Remarks Perspectives and updates from NERC SPIDERWG leadership and the RSTC sponsor for SPIDERWG.	S. Rizvi, NPCC J. Schmall, ERCOT W. Guttormson, Saskpower
9:15 a.m.	Status Update, Administrative Materials, and the RSTC Outcomes Brief update on ongoing or recently closed document comment periods, review of agenda, previous meeting minutes, and outcomes of RSTC action for SPIDERWG materials. Reminder of open subgroup roles: - Open Analysis Co-Lead.	S. Rizvi, NPCC J. Skeath, NERC S. Crutchfield, NERC
Coordination Subgroup Activities		
9:30 a.m.	Standards Committee Engagement Highlights of engagement with ongoing Standards Projects from SARs that originated from SPIDERWG work. Project 2022-02 for TPL-001 and MOD-032 SARs from SPIDERWG. (Low) Project 2023-05 for FAC-001 and FAC-002 SARs from SPIDERWG. (Low) Project 2023-08 for MOD-031 SAR from SPIDERWG. (Low)	J. Cordova, EPRI D. Lemmons, Greybeard S. Rizvi, NPCC J. Skeath, NERC

Time	Topic	Point of Contact
9:45 a.m.	<p>White Paper: Variability, Uncertainty, and Data Collection for the BPS with DER Aggregators <i>(Consensus to bring document to June RSTC Meeting)</i></p> <p>Presentation of whitepaper progress and work. Presentation of Common Infrastructure Model progress by Collaborative Utility Solutions. Seeking SPIDERWG consensus to gain RSTC reviewers at June RSTC meeting.</p>	<p>J. Skeath, NERC S. Rizvi, NPCC J. Cordova, EPRI D. Lemmons, Greybeard</p>
10:30 a.m.	BREAK	
10:45 a.m.	<p>External Presentation Slot 1</p> <p>Presentation from EPRI related to ongoing work in the DER space</p>	D. Ramasubramanian, EPRI
11:45 a.m.	<p>SAR: EOP-005</p> <p>Present RTOS and SPIDERWG progress on EOP-005 SAR. Present collaboration plan with RTOS on rollout to the RSTC.</p>	<p>J. Skeath, NERC S. Rizvi, NPCC</p>
12:00 p.m.	Lunch	
1:00 p.m.	<p>SAR: EOP-004</p> <p>Present RS collaboration and progress on EOP-004 SAR.</p>	<p>J. Skeath, NERC S. Rizvi, NPCC</p>
1:30 p.m.	<p>SARs: OPA/RTA Clarity Edits</p> <p>Present ongoing SAR comment period for the SPIDERWG OPA/RTA SAR and initial reaction at the SPIDERWG meeting.</p>	<p>J. Skeath, NERC S. Rizvi, NPCC</p>
2:00 p.m.	<p>SAR: PRC-006</p> <p>Update on ongoing PRC-006 comment period and response to comments. Brainstorm on language and other response to comments to assist Coordination team.</p>	<p>J. Skeath, NERC S. Rizvi, NPCC</p>
2:45 p.m.	BREAK	
3:00 p.m.	<p>ESIG Presentation – Reflection of Distribution on Transmission Expansion</p> <p>Technical presentation from ESIG on the recent report highlights the effects of distributed generation on transmission infrastructure.</p>	D. Lew, ESIG
3:45 p.m.	<p>WECC Presentation – Updates to the Production Cost Model related to DERs</p> <p>Technical presentation from WECC on their updates to their models reflective of DERs.</p>	<p>J. Johnson, WECC N. Hatton, WECC</p>
4:15 p.m.	<p>Reliability Guideline: Detection of Aggregate DER Response</p> <p>Discussion and drafting of language/comments for aggregate DER detection during grid disturbances. Review of identified Events</p>	<p>J. Cordova, EPRI D. Lemmons, Greybeard S. Rizvi, NPCC J. Skeath, NERC</p>

Time	Topic	Point of Contact
5:00 p.m.	Adjourn	

Day Two

Time	Topic	Point of Contact
Analysis Subgroup Activities		
9:00 a.m.	Reliability Guideline: Bulk Power System Planning under Increasing Penetration of Distributed Energy Resources Update on comments received from industry posting of the guideline.	S. Rizvi, NPCC J. Skeath, NERC L. Harkness, NERC J. Calderon, NERC
9:30 a.m.	Forecasting – DER and Load Presentation from ESIG on how to forecast DERs and other distribution equipment such as EVs and heat pumps.	J. Grialdez, Kevala D. Lew, ESIG
10:15 a.m.	Break	
10:30 a.m.	Reliability Guideline: DER Forecasting Practices and Relationship to DER Modeling for BPS Planning Studies <i>(Consensus to bring to RSTC for 45 day comment period)</i> Presentation of analysis team’s work to revise the DER forecasting practice document and bring to the RSTC for authorization to post for a 45-day comment period.	J. Skeath, NERC A. Weber, Ameren S. Rizvi, NPCC
11:00 a.m.	Reliability Guideline: Aggregate DER Conditions for Emergency Operations Brainstorming session on content for the new reliability guideline on aggregate DER conditions for emergency conditions and notes for analysis team to incorporate before the next meeting.	J. Skeath, NERC A. Weber, Ameren S. Rizvi, NPCC
12:00 p.m.	Lunch	
1:00 p.m.	White Paper: Modeling of DER Aggregator and DERMS Functional Impacts Presentation of work done on the white paper for modeling of the DER Aggregator and DERMS functions. Discussion of rollout for this paper.	J. Skeath, NERC A. Weber, Ameren S. Rizvi, NPCC
2:30 p.m.	Work Plan and Meeting Updates Updates and confirmation of red items in future meeting table below.	J. Skeath, NERC S. Rizvi, NPCC
3:00 p.m.	Adjourn	

FUTURE MEETINGS:

Date	Time	Location
April 30, 2024 – May 1, 2024	9:00 a.m. – 5:00 p.m.	NPCC
July 30 – 31, 2024	1:00 – 5:00 p.m.	Teleconference

Date	Time	Location
October 15 – 16, 2024	9:00 a.m. – 5:00 p.m.	NERC (limit 18), WECC backup

- **Red** denotes unconfirmed meetings dates and locations.