

System Planning Impacts of DER Working Group (SPIDERWG) Meeting Agenda

January 08, 2019 | 8:00 a.m. – 5:00 p.m. Central Time
January 09, 2019 | 8:00 a.m. – 12:00 p.m. Central Time

Texas RE
805 Las Cimas Parkway (Bldg. III)
Suite 200
Austin, TX 78746

Webex Conference Information:

Phone – All Days	Call-in number: 1-415-655-0002 (all days)
Webex Login	Tuesday: Join Webex meeting Meeting number (access code): 734 105 127 Meeting password: 2GtZ2tP5 Wednesday: Join Webex meeting Meeting number (access code): 735 600 924 Meeting password: PUHSPdQD

Day 1 Agenda

Time	Topic	Point of Contact
8:00 AM CT	SAFETY BRIEFING NERC Antitrust Compliance Guidelines Introductions	All
8:15 AM CT	Opening Remarks	J. Billinton, CAISO B. Quaintance, Duke
8:20 AM CT	SPIDERWG Introduction and Background <ul style="list-style-type: none"> • Team expectations – mission, respect, engagement, questions/answers, support, logistics, kindness, relationships, have fun • Overview of NERC activities leading to SPIDERWG • Review SPIDERWG Scope Document • Introduction of SPIDERWG Sub-Groups <ul style="list-style-type: none"> ○ Modeling, Verification, Studies, Coordination 	R. Quint, NERC
9:00 AM CT	EPRI -ANL TSO-DSO Coordination Project Technical presentation on TSO-DSO coordination and co-simulation techniques	N. Kang, ANL J. Boemer, EPRI
9:30 AM CT	Interconnection-Wide Case Creation – MOD-032 Open discussion related to DER data collection and the use of MOD-032-1. Consideration for improvements to MOD-032-1 to account for DER.	R. Quint, NERC All
10:00 AM CT	Break	
10:00 AM CT	Modeling Sub-Group Kickoff Kickoff and introduction to the modeling sub-group, including: <ul style="list-style-type: none"> • Review of primary issues and topics • Review of initial work plan and deliverables • Technical discussions and presentations <ul style="list-style-type: none"> ○ DER_A Modeling Guideline ○ DER models, parameters, and studies at CAISO – I. Green ○ DER Modeling and studies at IESO 	I. Green, CAISO Deepak R., EPRI M. Elnishar, IESO
12:00 PM CT	Lunch	

Time	Topic	Point of Contact
1:00 PM CT	<p>Verification Sub-Group Kickoff Kickoff and introduction to the verification sub-group, including:</p> <ul style="list-style-type: none"> • Review of primary issues and topics • Review of initial work plan and deliverables • Technical discussions and presentations <ul style="list-style-type: none"> ○ DER Response to Transmission Faults – Hydro One ○ 	M. Lombardi, NPCC C. Li, Hydro One
2:00 PM CT	<p>Studies Sub-Group Kickoff Kickoff and introduction to the studies sub-group, including:</p> <ul style="list-style-type: none"> • Review of primary issues and topics • Review of initial work plan and deliverables • Technical discussions and presentations <ul style="list-style-type: none"> ○ Incorporating DER into Planning Assessments – CAISO ○ DER Studies at PG&E 	J. Thornton, PG&E P. Wang, IESO B. Shrestha, CAISO
3:00 PM CT	Break	
3:30 PM CT	<p>International Experiences International experiences integrating DER, past grid disturbances and analysis, study approaches, verification and modeling activities, etc., from:</p> <ul style="list-style-type: none"> • Hawaii Electric Light • Australia Energy Market Operator 	L. Dangelmaier, HELCO J. Riesz, AEMO
5:00 PM CT	Adjourn	
6:00 PM CT	Dinner – The County Line (6500 W Bee Cave Rd.)	

Day 2 Agenda

Time	Topic	Point of Contact
8:00 AM CT	<p>Coordination Sub-Group Kickoff Kickoff and introduction to the coordination sub-group, including:</p> <ul style="list-style-type: none"> • Review of primary issues and topics • Review of initial work plan and deliverables • Technical discussions and presentations 	K. Zhu, MISO T. Woodruff, Oncor

Time	Topic	Point of Contact
9:00 AM CT	International Experience – Columbia Experiences integrating DER in the Columbian power grid; DER integration studies and results at high DER PV penetration levels; establishing voltage and frequency ride-through requirements; relevance of reactive power support on certain areas; challenges in developing requirements.	F. Gonzales, XM
9:45 AM CT	Canadian Standards Development Presentation on C22.3 No. 9, Interconnection of Distributed Resources to Electricity Supply Systems (New Edition).	M. Elnishar, IESO S. Attarde, CSA Group
10:15 AM CT	Break	
10:30 AM CT	Final Review of SPIDERWG Work Plan Finalization of the initial SPIDERWG work plan and	R. Quint, NERC Sub-Group Leads
11:00 AM CT	Roundtable Discussion Roundtable discussion of open issues/topics for consideration.	All
12:00 PM CT	Adjourn	

FUTURE MEETINGS:

Date	Time	Location
April 10-11, 2019	Wednesday full day Thursday full day	Folsom, CA (CAISO)
July 24-25, 2019	Wednesday full day Thursday full day	Salt Lake City, UT (WECC)
Oct/Nov	TBD	Rensselaer, NY (NYISO)

- Red denotes unconfirmed meetings dates and locations.