



Regional Training on Integrated Distribution System Planning for Midwest/MISO Region — Webcast October 13-15, 2020

AGENDA (Central time)

October 13 - Distribution Systems and Operation

12:30 – 12:45 pm	Welcome and opening remarks – Organization of MISO States (Marcus Hawkins), Kerry Worthington (NARUC), Kirsten Verclas (NASEO), Joe Paladino and Monica Neukomm (USDOE), and Lisa Schwartz (LLNL)
12:45 – 1:45 pm	Distribution system components, systems and operations – Kevin Schneider (PNNL) and Emma Stewart (LLNL)
1:45 – 2:45 pm	Integration, management and control of distributed energy resources (DERs) – Patrick Dalton (ICF) and Rois Langner (NREL)
2:45 – 3:00 pm	Break
3:00 – 3:45 pm	Operational coordination across bulk power and distribution systems – Jeffrey Taft (PNNL) and Paul De Martini (Newport Consulting Group)
3:45 – 4:30 pm	Cybersecurity – Emma Stewart (LLNL)

October 14 - Integrated Distribution System Planning Processes

12:30 – 1:00 pm	Distribution system planning components and coordination with bulk power system planning – Paul De Martini (Newport Consulting Group)
1:00 – 2:00 pm	Emerging distribution planning analyses: <i>Forecasting loads with DERs, scenarios, hosting capacity analysis, interconnection, locational net</i>

benefits, non-wires analysis and DER sourcing – Ben Sigrin (NREL), Patrick Dalton (ICF) and Debra Lew (LBNL consultant)

2:00 – 2:15 pm	Break
2:15 – 3:00 pm	Planning for resilience – Paul De Martini (Newport Consulting Group)
3:00 – 3:45 pm	Planning for grid modernization/cost-effectiveness framework – Paul De Martini (Newport Consulting Group) and Fritz Kahrl (3rdRail)
3:45 – 4:30 pm	Public utility commission distribution planning practices – Lisa Schwartz (LBNL) and Juliet Homer (PNNL)

October 15 - Demand Flexibility

12:30-1:15 pm	Impacts of DERs on net loads and approaches for actively managing load shapes – Chandler Miller (LBNL) and Matt Leach (NREL)
1:15 – 2:00 pm	Grid-interactive efficient buildings – Natalie Mims Frick (LBNL)
2:00 – 2:15 pm	Break
2:15 – 3:30 pm	Planning for energy storage and microgrids – Jeremy Twitchell (PNNL) and Andrew Mills (LBNL)
3:30 – 4:30 pm	Planning for electric vehicles and strategies for managing charging – Doug Black and Jason MacDonald (LBNL), Michael Kintner-Meyer (PNNL)