AGENDA  Slides at https://emp.lbl.gov/publications/distribution-systems-and-planning

May 1, 2018 – Pre-training activities

1:00 – 4:00 pm  WIEB Strategy Advisory Committee meeting:
Dissemination of Western U.S. Interconnection Findings to States

4:00 – 5:00 pm  Considerations for a Modern Distribution Grid – Joe Paladino,
U.S. Department of Energy

May 2, 2018 – Training begins

8:00 – 8:15 am  Welcome and opening remarks – Maury Galbraith (WIEB),
Kerry Worthington (NARUC), Fred Hoover (NASEO), Lisa Schwartz (Berkeley Lab)

8:15 – 9:45 am  Distribution systems 101 – Kevin Schneider (PNNL) and Emma Stewart
(LLNL)

9:45 – 10:00 am  Break

10:00 – 10:45 am  Distribution system controls and automation – Barry Mather (NREL) and
Kevin Schneider (PNNL)

10:45 am – 12:15 pm  Utility distribution planning 101 – Mike Coddington (NREL) and Kevin
Schneider (PNNL)

12:15 – 1:15 pm  Lunch

1:15 – 2:45 pm  Distributed energy resources – Mike Coddington (NREL), Emma Stewart
(LLNL), Jeremy Twitchell (PNNL)
2:45 – 3:00 pm  Break

3:00 – 3:45 pm  Reliability metrics and reliability value-based planning – Joe Eto (LBNL)

3:45 – 4:30 pm  Impacts of distributed energy resources on transmission systems: The distribution/transmission interface – Barry Mather (NREL)

May 3, 2018

8:00 – 8:45 am  Forecasting load on the distribution and transmission system with distributed energy resources – Andrew Mills (LBNL)

8:45 – 9:30 am  PUC distribution planning practices – Lisa Schwartz (LBNL)

9:30 – 9:45 am  Break

9:45 – 10:45 am  Emerging distribution planning analyses: Multiple scenario forecasts, hosting capacity analysis, locational net benefits analysis – Debra Lew (GE Energy Consulting)


11:30 am – 12:30 pm  Lunch

12:30 – 1:30 pm  Moderated discussion: How are states beginning to engage in distribution system planning?  
Moderator: Lisa Schwartz (LBNL)
• Value of state engagement – Chair Jeff Ackermann (CO PUC)
• Barriers to state engagement – Maury Galbraith (WIEB)
• Less time-intensive approaches vs. full-scale DSP – Jeremy Twitchell (PNNL)
• Oversight roles – Dallas Harris (NV PUC)
• Integrating DSP with other forms of planning – Dave Parsons (HI PUC)
• Stakeholder engagement – Kathi Scanlan (WA UTC)

1:30 – 2:30 pm  Walk-through of long-term utility distribution plans: Part 2 - Grid modernization plans and plans for high levels of distributed energy resources - Debra Lew (GE Energy Consulting)

2:30 – 3:00 pm  Moderated discussion: What questions can states ask utilities to better inform state engagement in distribution system planning?  
Moderator: Lisa Schwartz (LBNL)