

Fuels & Grid Integration Committee Meeting Wednesday, February 6, 2019 from 4:00pm – 5:30pm

Meeting Summary

Attendees

Dub Taylor (TX), Co-Chair Chris Yunker (HI), Co-Chair Deana Dennis (EPRI), Affiliates Co-Chair Ryan Stanton (TN) Laura Nelson (UT) Michael Schwing (HI) Mary Tung (MD) Greg Williams (MD) Chris Rice (MD) Lise Trudeau (MN) Joanne Morin (MA) Jason Lanclos (LA) Maureen Neighbors (AL) Meaghan Trentacost (Boland) Cliff Haefke (ERC-UIC) Philip Quebe (Cadmus) Evelyn Robison (PJM) John Carlson (Ceres) Rob Vieira (FSEC) Liz Doris (NREL) Andrew Griffith (ICF) Pam Mendelson (US DOE) Amy Kidd (US DOE) Joe Paladino (US DOE) Chuck Zelek (US DOE) Michael Li (US DOE) Greg Dierkers (US DOE) Danielle Byrnett (NARUC) Rodney Sobin (NASEO) Stephen Goss (NASEO) Paul Miller (NASEO Institute)

This Fuels and Grid Integration Committee discussion session will include news about the NARUC-NASEO Electricity System Planning Task Force and updates on advances in grid modeling capability, the U.S. Department of Energy's Grid Modernization Initiative, and carbon sequestration and modeling.

Introductions and Committee Overview

- Dub Taylor, Director, Texas State Energy Conservation Office; Treasurer, NASEO Board of Directors; Co-Chair, NASEO Fuels and Grid Integration Committee
- Chris Yunker, Energy Systems and Planning Program Manager, Hawaii State Energy Office; Co-Chair, NASEO Fuels and Grid Integration Committee
- Deana Dennis, Senior Manager, External and Government Affairs, Electric Power Research Institute; Affiliates Co-Chair, NASEO Fuels and Grid Integration Committee

Comprehensive Electricity System Planning and Grid Modernization

- Joseph Paladino, Senior Advisor, U.S. Department of Energy Office of Electricity
- Danielle Sass Byrnett, Director, Center for Partnerships and Innovation, National Association of Regulatory Utility (*Presentation*)
- Dr. Laura Nelson, Governor's Energy Advisor, Utah Office of Energy Development, Vice-Chair, NASEO Board of Directors
- Rodney Sobin, Senior Program Director, National Association of State Energy Officials

Updates on Carbon Capture and Utilization Modeling

 Charles Zelek, PhD, Senior Economist, Office of Fossil Energy, U.S. Department of Energy (<u>Presentation</u>)

Visualization and Electric System Modeling

- Tom Harris, Project Manager, National Renewable Energy Laboratory (*Presentation*)
- Robert Spencer, Data Scientist and Software Developer, National Renewable Energy Laboratory
- Chris Yunker, P.E., Energy Systems and Transportation, Hawaii State Energy Office (*Presentation*)