



**Fuels & Grid Integration Committee Meeting**  
**Electric System Transformation and the Grid of the Future**  
Tuesday, September 19 from 3:30 – 5:30

**Meeting Summary**

**Attendees**

Dub Taylor (TX), Co-Chair	Matt Tuma (NV)
Chris Yunker (HI), Co-Chair	Maeve Mason (SC)
Deana Dennis (EPRI), Affiliates Co-Chair	Jonah Steinbuck (DOE)
Jake Fey (WA)	Jason Smith (EEI)
Michael Furze (WA)	Emily Levin (VEIC)
Russel Duncan (NC)	Liz Dalton (One Concern)
Cynthia Moseley (NC)	Carol Werner (EESI)
Starlette Hodge (NC)	David Townley (CTC Global)
Dave Althoff Jr. (PA)	Ward Lenz (NCSEA)
Andy Popp (MO)	Evelyn Robinson (PJM)
Ben Bolton (TN)	Pete Gingrass (DOE)
Walter Clemence (FL)	Kartikeya Singh (CSIS)
Maria Redmond (WI)	Erin Nobler (NREL)
Tracy Babbidge (CT)	Stephen Goss (NASEO)
Tristan Vance (IN)	Fred Hoover (NASEO)

The national electric system is undergoing an unprecedented transformation, marked by the rapid pace of technological innovation, the widescale integration of distributed energy resources, growing confidence and certainty in emerging energy markets, and the emerging potential of storage. This shift has brought with it new opportunities for commercial and residential consumers to control how, when, and even if they use electricity. While this paradigm shift has led to a more empowered consumer, pressure is mounting in the traditional energy industry to adapt to new challenges and business opportunities from new technologies, business practices, and partners. Meanwhile, states are responsible for facilitating and guiding this process amidst the ever-changing landscape of a modern electric grid. This Fuels and Grid Integration Committee session will discuss how new technology is reshaping the traditional electric system, explore the rise of the so-called "prosumer", and identify the opportunities, risks, and implications this transformation might have on the energy industry and state energy policies.

**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

### [Methods for Satisfying Energy Supply, Efficiency, Reliability, & Resiliency on Installations](#)

- Shawn Bennett, Advisor, Office of Energy Assurance, United States Air Force

### [DOE Grid Modernization Initiative Update](#)

- Caitlin Callaghan, PhD, Chemical Engineer and Program Lead, Electricity Policy Technical Assistance Program, Transmission Permitting and Technical Assistance Division, Office of Electricity Delivery and Energy Reliability, US Department of Energy

### [Retail and Tech's Increasing Focus on Renewables](#)

- Erin Hiatt, Director of Energy, Sustainability, and Research, Retail Industry Leaders Association

### [Rate Design and Compensation: Emerging Issues for Solar and DER](#)

- Abby Hopper, President and Chief Executive Officer, Solar Energy Industries Association

### [Unlocking the Grid's Potential: Energy Storage for Utility -Scale Applications](#)

- Kiran Kumaraswamy, Market Development Director, AES Energy Storage

### [Opportunities for Improving Grid Resiliency by Engaging Responsive Building Loads](#)

- Teja Kuruganti, Senior Research and Development Staff Member, Computational Sciences and Engineering Division, Oak Ridge National Laboratory

### [NASEO Update and Upcoming Events](#)

- NASEO has partnered with the National Conference of State Legislatures (NCSL) to publish a new report titled "[Here Comes the Sun: A State Policy Handbook for Distributed Solar Energy](#)". This report on solar energy production provides energy officials, state legislators, governors and commissioners, as well as other interested parties the tools to understand the distributed solar market in their states, assess their state's policies and regulations, and determine a path forward. This report was made possible through the Solar Training and Education for Professional (STEP) program and funded by the U.S. Department of Energy.
- The next Fuels and Grid Integration Committee Webinar will take place on December 14, 2017 from 3:00 – 4:00 pm EST. Please refer to the [NASEO website](#) or contact [Stephen Goss](#) for additional information.