



# Online Roundtable on Distributed Energy Resources

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## Speaker Biographies

### **Dr. David Kathan, Senior Economist, Office of Energy Policy and Innovation, FERC**

Dr. David Kathan is a Senior Economist in the Office of Energy Policy and Innovation at the Federal Energy Regulatory Commission. Dr. Kathan joined the Commission in 2002 after over 20 years in energy consulting. At FERC, Dr. Kathan works on market design issues, including demand response, smart grid, storage, and distributed energy resources integration. Dr. Kathan has been the project lead for the Commission's annual demand response reports required by the Energy Policy Act of 2005, and was the FERC staff lead on the National Action Plan on Demand Response. During 2013, Dr. Kathan was on temporary assignment to the White House Council on Environmental Quality, where he focused on federal agency demand management issues, and was responsible for the issuance of a Presidential Memorandum on federal agency energy management in December 2013. Prior to joining FERC, Dr. Kathan was a Principal at ICF Consulting, where he consulted on economic, environmental and quantitative issues related to the electric power industry, with a focus on demand response and electric system modeling. He has also held posts at National Economic Research Associates, Synergic Resources Corporation, and the Congressional Office of Technology Assessment. Dr. Kathan received his B.A. from Grinnell College in Economics, and his Ph.D. in Public Policy and Management from the Wharton School at the University of Pennsylvania.

### **Audrey Lee, Vice President of Energy Services, Sunrun**

As Vice President of Energy Services, Audrey leads Sunrun's efforts to deploy and aggregate residential solar plus storage to create cleaner and less costly grid infrastructure while reducing customers' bills and providing back-up power in an outage. Before joining Sunrun, Audrey was Vice President of Analytics and Design at Advanced Microgrid Solutions, Inc. (AMS), where she designed and built the analytics and operations platform to optimize fleets of distributed energy resources as virtual power plants. These efforts resulted in Series A and B corporate fundraising and a \$200 million project finance raise – the largest dedicated energy storage finance vehicle in history. AMS recently brought online its 50 MW contract with Southern California Edison for behind-the-meter storage to fulfill local capacity requirements that arose out of the San Onofre Nuclear Generating Station closure. Prior to that, Audrey advised the President of the California Public Utilities Commission on smart grid, transmission, energy data, demand response, and energy storage policy. Audrey also worked at the Harvard Kennedy School of Government and as a Presidential Management Fellow at the U.S. Department of Energy and the International Energy Agency in Paris. She earned a B.S. in applied physics from the California Institute of Technology and a Ph.D. in electrical engineering from Princeton University. Further details and publications are available at <https://www.linkedin.com/in/jaudreylee/>