

**TRACK 1: Grids, Pipes, and Funding | Track Leaders: Steven Coley and Baskar Vairamohan**

Session #	Session Title	Date	Time	TITLE	First Name	Last Name	Organization
1	Virtual Power Plants	7/17/2025	10:30 am - 12:00 pm	Enhancing Grid Reliability, Resilience, and Affordability: Industry Collaboration with Utilities and Governments through Virtual Power Plants	Sun Joo	Hwang	University of North Carolina at Chapel Hill
				Predictive Modeling of Power Demand at Industrial Sites for Enhanced Energy Management	Justin	Ramsay	Energy 350
				Incentivizing Permanent Load Shifting	Peter	Sharp	Cascade Energy
2	Industrial Heat Pumps	7/17/2025	1:30 - 3:00 pm	A Market in Transition: Industrial Heat Pumps in the United States	Ruth	Checknoff	Renewable Thermal Collaborative
				The Thermal Balancing Act: Evaluating Heat Pump Opportunities for Industries in Minnesota	John	Flanagan	Center for Energy and Environment
				RD&D Priorities for Industrial Heat Pumps	Kashif	Nawaz	Oak Ridge National Laboratory
3	Large Loads	7/18/2025	8:30 - 10:00 am	Data Center Energy Efficiency	Kennedy	Bennett	SC Coastal Conservation League
				Electricity Rate Designs for Large Loads: Evolving Practices and Opportunities	Natalie	Mims Frick	Lawrence Berkeley National Laboratory
				Energy Efficiency and Demand Flexibility for Data Centers	Rishabh	Juneja	U.S. Department of Energy
4	Industrial Energy Efficiency	7/18/2025	10:30 am - 12:00 pm	Fan Efficiency Programs and the Industrial Sector; a Coordinated Effort to Effectively Transform the Market	Kristen	Aramthanapon	Northwest Energy Efficiency Alliance
				Scaling Efficiency Projects at Industrial Sites via a Study-Based Utility Offering	Mark	Hamann	ComEd
				Overcoming Barriers to Energy Efficiency for More Competitive and Resilient Energy-Intensive Industries	Senthil Kumar	Sundaramoorthy	Oak Ridge National Laboratory