

# AGENDA

## 36TH ANNUAL SEMINAR ON FUELS, POWER MARKETS, AND RESOURCE PLANNING November 8-9, 2017 • EPRI Office, Washington, DC

WEDNESDAY, NOVEMBER 8		
TIME	TOPIC	PRESENTER
8:30 a.m.	Registration and Continental Breakfast	
9:00 a.m.	Welcome and Introduction	<b>Adam Diamant</b> , Electric Power Research Institute (EPRI)
<b>Session 1 Future Natural Gas Supply, Demand, and Prices</b>		
9:15 a.m.	Future Natural Gas Supplies, Demand and Pricing in North America	<b>Kevin Petak</b> , ICF
10:00 a.m.	When the Disrupter Becomes Disrupted: The Evolving Role of Natural Gas in Electricity	<b>Eric Hsieh</b> , U.S. Department of Energy
10:45 a.m.	Morning Break	
11:00 a.m.	Vertical Market Power in Interconnected Natural Gas and Electricity Markets	<b>N. Jonathan Peress</b> , Environmental Defense Fund
11:45 a.m.	Lunch	
12:15 a.m.	<b>Luncheon Address</b> – EPA's Regulatory Agenda	<b>Drew Feely</b> , Policy Counsel, U.S. Environmental Protection Agency
<b>Session 2 Evolution of Electric Sector Resource Planning</b>		
1:00 p.m.	EPRI's Integrated Energy Network Planning (IEN-P) Initiative and Related Research	<ul style="list-style-type: none"> <li>• <b>Adam Diamant</b>, EPRI</li> <li>• <b>Tom Wilson</b>, EPRI</li> </ul>
1:45 p.m.	Integrated Generation, Transmission and Distribution Planning & MIT Utility of the Future	<b>Jesse Jenkins</b> , MIT Energy Initiative Electric Power Systems Center
2:30 p.m.	Afternoon Break	
2:45 p.m.	The Value of Operational Flexibility for Fossil-fired Generation Units	<b>John Bistline</b> , EPRI
3:30 p.m.	EPRI Member Perspectives on Addressing the IEN Resource Planning Challenges	<ul style="list-style-type: none"> <li>▪ <b>Robert McMurry</b>, Duke Energy</li> <li>▪ <b>Jenifer Hedrick</b>, Southern CA Edison</li> <li>▪ <b>Charles Rossmann</b>, Southern Company</li> </ul>
4:45 p.m.	Adjourn Day 1	
6:30 p.m.	<b>EPRI PS-178(B) Member Dinner</b>	<b>Georgia Brown's</b> (950 15th Street NW, Washington DC)

Together . . . Shaping the Future of Electricity

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THURSDAY, NOVEMBER 9		
TIME	TOPIC	PRESENTER
8:30 a.m.	Continental Breakfast	
<b>Session 3</b> <i>Wholesale Electricity Markets and Grid Reliability and Resiliency</i>		
9:00 a.m.	<b>Morning Keynote</b> – DOE Grid Resiliency Pricing NOPR and Report on Electricity Markets and Reliability	<b>Catherine Jereza</b> , Deputy Assistant Secretary, U.S. DOE
9:45 a.m.	The Role of Wholesale Electricity Markets in Improving Electric Sector Reliability and Resiliency	<b>Honorable Philip D. Moeller</b> , Edison Electric Institute
10:30 a.m.	Morning Break	
10:45 a.m.	PJM's Evolving Resource Mix and System Reliability	<b>M. Gary Helm</b> , PJM Interconnection
11:30 a.m.	Incentivizing System Reliability and Resiliency in the Wholesale Power Market	<b>Derek Bandera</b> , Midcontinent Independent System Operator
12:15 a.m.	Wrap Up & Closing Remarks	<b>Charles Rossmann</b> , Southern Company
12:20	Light Lunch and Roundtable Discussion	<i>All Participants</i>
1:00 p.m.	<b>Adjourn</b>	

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PARTICIPANTS		
NAME	TITLE	COMPANY
Misha Adamantiades	Senior Analyst	U.S. Environmental Protection Agency
Derek Bandera	Executive Director, Federal Regulatory Affairs	Midcontinent Independent System Operator, Inc.
John Bistline	Senior Technical Leader	Electric Power Research Institute
Stephen Capana	Director, Strategic Analysis, EERE	U.S. Department of Energy
Mike Cashin	Environmental Policy Advisor	Minnesota Power
Kevin Chreston	Manager	DTE Energy
Beth Conlin	Environmental Protection Specialist	U.S. Environmental Protection Agency
Deana Dennis	Senior External and Government Relations	Electric Power Research Institute
Adam Diamant	Technical Executive	Electric Power Research Institute
Delavane Diaz	Senior Technical Leader	Electric Power Research Institute
Nathan Domyahn	Director, Generation Engineering	Great River Energy
Samantha Dravis	Senior Counsel and Associated Administrator	U.S. Environmental Protection Agency
David Evans	Economist	U.S. Environmental Protection Agency
William Gould	Director, Research and Development	Electric Power Research Institute
Dale Harris	Senior Program Manager, Enterprise Planning	Tennessee Valley Authority
Jenifer Hedrick	Project Manager	Southern California Edison Co.
M. Gary Helm	Lead Market Strategist	PJM Interconnection
Eric Hsieh	Director, Office of Energy Finance and Incentives Analysis	U.S. Department of Energy
David Hunter	Senior Government Representative	Electric Power Research Institute
Jesse Jenkins	Researcher	Massachusetts Institute of Technology
Catherine Jereza	Deputy Assistant Secretary	U.S. Department of Energy
Robert McMurry	Director of Carolinas IRP	Duke Energy Corp.
Natalie Mills	Environmental Engineer	Southern Company
Philip Moeller	Executive Vice President, Business Operations Group and Regulatory Affairs	Edison Electric Institute
N. Jonathan Peress	Senior Director, Energy Market Policy	Environmental Defense Fund
Kevin Petak	Managing Director, Natural Gas and Liquid Markets	ICF

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NAME	TITLE	COMPANY
James Read	Principal	Brattle Group, Inc.
Laureen Ross-McCalib	Manager, Resource Planning	Great River Energy
Charles Rossmann	Forecasting & Model Development Man	Southern Company
Ira Shavel	Principal	Brattle Group, Inc.
Hunaid Sulemanji	Lead Analyst II	New York Power Authority
Natalie Tacka	Engineer	PJM Interconnection
Joel Theis	Economist	DOE National Energy Technology Laboratory
Barbara Tyran	Executive Director, Government and External Relations	Electric Power Research Institute
Thomas Wilson	Principal Technical Executive	Electric Power Research Institute
David Young	Principal Technical Leader	Electric Power Research Institute