

# AGENDA

## 40<sup>TH</sup> ANNUAL SEMINAR ON FUELS, POWER MARKETS, AND RESOURCE PLANNING

November 3-4, 2021 • Virtual Event via Webex

(Webex links provided upon registration and 24 hours in advance)

### WEDNESDAY, NOVEMBER 3, 2021

TIME*	TOPIC	PRESENTER
<b>Session 1 – Opening &amp; Keynote Presentation</b>		
11:00 a.m. (Eastern)	Welcome & Seminar Overview	<ul style="list-style-type: none"> <li>▪ <i>Charles Rossmann, Southern Company</i></li> <li>▪ <i>Adam Diamant, EPRI</i></li> </ul>
11:20 a.m.	Keynote Address – Richard Glick, Chairman, Federal Energy Regulatory Commission	<i>Richard Glick, FERC</i>
12:00 p.m.	<i>Short Break (15 min)</i>	

TIME	TOPIC	PRESENTER
<b>Session 2 – The Future Role of Natural Gas in a “Net Zero” Economy</b>		
12:15 pm	New Energy Outlook (NEO) 2021: Scenarios for Achieving the Paris Goals and Net-Zero GHG Emissions by 2050	<i>Matthias Kimmel, BloombergNEF</i>
1:00 pm	EPRI Analysis of the “Role of Natural Gas on the Road to Decarbonization”	<i>John Bistline, EPRI</i>
1:45 pm	Discussion and Q&A	
2:00 pm	<i>Break (30 min)</i>	

TIME	TOPIC	PRESENTER
<b>Session 3 – Modeling Advances for Integrated Energy System Planning</b>		
2:30 pm	EPRI’s Integrated Strategic System Planning Initiative	<i>Nidhi Santen, EPRI</i>
3:00 pm	Advances in Modeling Battery Energy Storage Systems (BESS) in Long-term Capacity Expansion Models	<i>Charles Rossmann, Southern Company</i>
3:45 pm	Evolution of Duke Energy’s Integrated System and Operations Planning (ISOP) Process and Modeling Tools	<i>Mark Oliver, Duke Energy</i>
4:15 pm	Discussion and Q&A	
4:30 pm	<i>Adjourn Day 1</i>	



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THURSDAY, NOVEMBER 4, 2021		
TIME	TOPIC	PRESENTER
<b>Session 4 – The Evolution of Resource Adequacy</b>		
12:00 p.m. (Eastern)	Welcome & Day 2 Overview	<i>Adam Diamant, EPRI</i>
12:10 p.m.	EPRI’s Resource Adequacy Initiative and Future Plans	<i>Eamonn Lannoye, EPRI</i>
12:40 p.m.	EPRI Member Perspective	<i>Kayla Messamore, Evergy</i>
1:00 p.m.	Developing Reliability Criteria and New Metrics to Ensure Energy Adequacy in Mid- to Long-term Planning	<i>Mark Lauby, North American Electric Reliability Corporation (NERC)</i>
1:45 p.m.	Discussion and Q&A	
2:00 p.m.	<i>Break (30 min)</i>	

TIME	TOPIC	PRESENTER
<b>Session 5 – Incorporating Resiliency into Integrated Energy System Planning</b>		
2:30 p.m.	Retrospective Analysis of What Happened During California (2020) and Texas (2021) Electric Resiliency Events	<i>Alison Silverstein, Independent Consultant</i>
3:00 p.m.	Integrating Climate Impacts into Long-Term Capacity Expansion Models and Analyses	<ul style="list-style-type: none"> <li>▪ <i>Delavane Diaz, EPRI</i></li> <li>▪ <i>Francisco Ralston Fonseca, EPRI</i></li> </ul>
3:45 p.m.	Power System Supply Resiliency and Resource Adequacy / Considering “Common-mode” Events for System Resiliency	<i>Robin Hytowitz, EPRI</i>
4:15 p.m.	Discussion and Q&A	
4:30 pm	<i>Adjourn Day 2</i>	

\* All times are Eastern Daylight Time.