



42ND ANNUAL SEMINAR ON RESOURCE PLANNING FOR ELECTRIC POWER SYSTEMS

November 1-2, 2023 • EPRI, 1325 G St NW #530, Washington, DC 20005

AGENDA

This event will operate under Chatham House Rule*

** Participants are free to use the information received, but neither the identity nor the affiliation of the speakers, nor that of any other participant, may be revealed.*

WEDNESDAY NOVEMBER 1	
TIME (ET)	SPEAKERS & TOPICS
12:00pm - 1:00pm	Welcome & Networking Lunch
1:00pm - 1:15pm	Opening Remarks
1:15pm - 2:00pm	Keynote Address <ul style="list-style-type: none"> • <i>Reimagining Planning</i> Anuja Ratnayake, Managing Director, Integrated System Operations & Planning, Duke Energy
	Session 1: The Changing Policy Landscape & New Considerations for the Electric Company Resource Planner <i>Chair: Robin Bedilion, EPRI</i> This session will discuss details and status of recent landmark North American policies and regulatory proposals, such as the U.S. Inflation Reduction Act of 2022 (IRA), U.S. Environmental Protection Agency (EPA)'s proposed standards for coal- and new natural gas-fired power plants, and Canada's Draft Clean Electricity Regulations, and will highlight recent research and company experiences around managing the challenges and opportunities they provide for resource planning.
2:00pm - 2:45pm	Session Opening Presentation <ul style="list-style-type: none"> • <i>Overview of U.S. and Canadian Decarbonization Policy and Implications for the Electric Sector</i> Christopher Roney, Technical Leader, EPRI Aranya Venkatesh, Sr. Technical Leader, EPRI
2:45pm - 3:15pm	Break
3:15pm - 4:00pm	Panel Presentations <ul style="list-style-type: none"> • <i>Climate Policy and Utility Planning in British Columbia</i> Warren Bell, Principal, Raincoast Resources, Inc. • <i>Deployment. Innovation. Liftoff. Financing American Energy</i> Ariane Benrey, Consultant, DOE Loan Programs Office • <i>Utility Actions to Prepare for Impacts of the IRA</i> Maria Scheller, Vice President of Energy Power Markets, ICF Consulting



WEDNESDAY NOVEMBER 1 (continued)	
4:00pm - 4:45pm	Session 1 Q&A and Discussion
4:45pm	Day 1 Wrap Up
5:00pm	Adjourn Day 1
6:00pm - 8:30pm	EPRI Program 178 Member & Speakers Reception and Dinner (by Invitation Only) Immigrant Food at 925 13th St. NW, Washington, DC 20005

THURSDAY NOVEMBER 2

TIME (ET)	SPEAKERS & TOPICS
8:00am - 9:00am	Breakfast
9:00am - 9:15am	Day 1 Recap and Day 2 Outlook
	<p>Session 2: Bridging the Gap Between Planning Net-Zero Systems & Making Net-Zero Electrons <i>Chair: Steve Dahlke, EPRI</i></p> <p>This session will address the often “messy middle” between long-term electric company resource planning and resource procurement, installation, and electricity production. Presentations will emphasize challenges such as regulatory delays, supply chains, permitting, interconnections, and various market and other uncertainties, and discussion will focus on risk mitigation and other proactive measures the planner may consider.</p>
9:15am - 10:00am	<p>Session Opening Presentation</p> <ul style="list-style-type: none"> <i>The Intersection of Resource Planning, Procurement, and Portfolio Management</i> Marie Fontenot, VP of Power Resources, East Bay Community Energy/Ava Community Energy
10:00am - 10:30am	Break
10:30am – 11:15am	<p>Panel Presentations</p> <ul style="list-style-type: none"> <i>Supply Chain Considerations for Clean Energy Project Development</i> Robin Bedilion, Principal Project Manager, EPRI <i>Turning Plans for Green Electrons into Green Electrons</i> Abraham Silverman, Director of the Non-Technical Barriers to the Clean Energy Transition Initiative, Center for Global Energy Policy, Columbia University <i>The “Messy Middle” from the Perspective of a Developer/IPP</i> Christopher Handwerk, Vice President of Origination, BrightNight
11:15am - 12:00pm	Session 2 Q&A and Discussion



	<p>Lunch ‘n Learn with Emerging Technology Developers and Energy Systems Modeling Experts <i>Chair: Romey James, EPRI</i></p> <p>There is general agreement that meeting electric sector decarbonization goals will require planning for and installing new technologies—some of which are still either very nascent or under development. These sessions are opportunity for participants to attend extended lunches led by select technology developers and energy system modeling experts to learn about the state of technologies and emerging model capabilities for incorporating these technologies into planning exercises.</p>
12:00pm - 1:30pm	<p>Parallel Lunches (choose one to attend)</p> <ul style="list-style-type: none"> • <i>Topic: EnerVenue—Long Lasting Nickel-Hydrogen Batteries for Grid Flexibility</i> Chad Spring, Associate Director, Business Development, EnerVenue • <i>Topic: The Role of Advanced Geoenery in Clean, Firm, Dispatchable Generation—Eavor’s Technology</i> Neil Ethier, Vice President, Business Development, Eavor • <i>Topic: AEO 2025 Model Enhancements for the Power Sector</i> Chris Namovicz, Team Leader for Electricity, Coal, and Renewable Modeling and John Taber, Energy Economist, U.S. Energy Information Administration
	<p>Session 3: Accounting for Social Vulnerability and Environmental Justice in Long-Term Planning <i>Chair: Anna Lafoyiannis, EPRI</i></p> <p>This session will explore a range of metrics and approaches for evaluating concepts of social vulnerability and environmental justice in the context of long-term resource planning. There are growing and practical incentives for utilities to begin more explicitly considering aspects of equity in planning their system’s long-term asset portfolio, including access to government funding, improved stakeholder engagements, and overall risk mitigation. Presentations and discussion will focus on education and opportunities around these topics, and current electric company experiences.</p>
1:30pm - 2:15pm	<p>Session Opening Presentation</p> <ul style="list-style-type: none"> • <i>Considerations for Social Vulnerability and Environmental Justice in Long-Term Planning</i> Brenda Brickhouse, Sr. Technical Executive, EPRI
2:15pm – 3:00pm	<p>Panel Presentations</p> <ul style="list-style-type: none"> • <i>Energy Insecurity and Access to Clean Energy Technologies</i> Sanya Carley, Presidential Distinguished Professor of Energy Policy and City Planning, University of Pennsylvania • <i>Embedding Equity Metrics into Planning Models</i> Sergio Castellanos, Assistant Professor in Civil, Architectural and Environmental Engineering, University of Texas Austin • <i>Perspectives from TVA’s Equity Journey</i> Candy Kelly, Senior Manager for Resource Strategy, Tennessee Valley Authority (TVA)
3:00pm – 3:45pm	<p>Session 3 Q&A and Discussion</p>
3:45pm - 4:00pm	<p>Day 2 Wrap-Up</p>
4:00pm	<p>Adjourn Day 2</p>



For More Information about EPRI's Program 178 on Resource Planning for Electric Power Systems, including membership and recent research results, please contact Nidhi Santen, P178 Program Manager at nsanten@epri.com or 650-630-9130.