

# Powering the People 2021

ACHIEVING A CARBON FREE ENERGY FUTURE

November 10, 2021

#PTP2021



# Powering the People 2021

ACHIEVING A CARBON FREE ENERGY FUTURE

## Agenda

Wednesday, November 10, 2021, 11:30 am – 2:00 pm (ET)

Virtual

**Welcome Remarks** Lisa Wood, Executive Director, Institute for Electric Innovation, Vice President, Customer Solutions, Edison Electric Institute

## DIALOGUES

### Advancing Carbon-Free Energy Solutions for Corporate and Federal Customers

To get to a carbon-free energy future as fast as we can, we need to use an array of carbon free energy sources, technologies, and partnerships. Leading corporate and federal customers are now seeking 100% carbon-free energy (CFE) across their operations – some with hourly matching. Electric companies are looking for ways to provide these 100% carbon free energy solutions to their customers. What are the speedbumps and roadblocks to advancing carbon-free energy solutions? What strengths/weaknesses do electric companies have in delivering 100% CFE solutions? What are key priorities for corporate/federal customers? How will corporate/federal customer demand for 100% CFE solutions likely evolve over the next few years?

**Opening Remarks** Andrew Mayock, Federal Chief Sustainability Officer, White House Council on Environmental Quality

**Moderator** Bob Rowe, CEO, NorthWestern Energy and Co-chair, Institute for Electric Innovation

**Discussants** Vice Admiral Dennis V. McGinn (ret), Former Assistant Secretary of the U.S. Navy (Energy, Installations, and Environment)  
Brian Rybarik, Director, Energy Markets, Energy & Sustainability, Microsoft Corporation  
Matt Valle, Vice President, Development, Florida Power & Light

## Rethinking Energy Efficiency as a Carbon Resource

As we electrify more parts of the economy, energy efficiency (EE) and demand flexibility will play an even more critical role as solutions for reducing carbon emissions. Scaling EE is vital to achieving an affordable and reliable carbon-free energy future. Yet, stakeholders often don't connect the dots or prioritize EE as a resource for achieving carbon reductions. Which states are capturing the full range of EE benefits including both reducing the amount of energy used and carbon emissions? Which technologies and sectors are key to unlocking the full potential of EE? Is it time to consider a new EE rubric that includes energy savings and carbon reductions?

- Opening Remarks** Ralph Cavanagh, Energy Co-Director, Climate and Clean Energy Program, NRDC
- Moderator** Gene Rodrigues, Vice President, Market Development, ICF
- Discussants** Charlotte Mitchell, Chair, North Carolina Utilities Commission and Co-Vice Chair, NARUC Committee on Energy Resources and the Environment  
David Nemtzow, Director, Building Technologies Office, U.S. Department of Energy  
Matt O'Keefe, Group Vice President, Opower, Oracle Utilities  
Katie Sloan, Vice President, Customer Programs & Services, Southern California Edison
- Closing Remarks** Tom Kuhn, President, Edison Electric Institute

**Thank you to our supporting organizations**





# Powering the People 2021

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## Speaker Biographies

### Welcome



**Lisa Wood**

**Executive Director, Institute for Electric Innovation, Vice President, Customer Solutions, EEI**

As Executive Director of the Institute for Electric Innovation (IEI), Lisa collaborates with a Management Committee of electric company CEOs and provides thought leadership on current issues, trends, and innovation in the electric power industry. As VP of Customer Solutions, she oversees EEI's initiatives in corporate customer sustainability solutions, military customer solutions, residential customer services and solutions, and electric transportation. Wood was formerly an Adjunct Professor at Johns Hopkins University School of Advanced International Studies, an Adjunct Professor at Georgetown University's School of Foreign Service, and a Nonresident Senior Fellow in the Energy Security and Climate Initiative at The Brookings Institution.

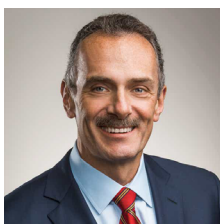
### Advancing Carbon-Free Energy Solutions for Corporate and Federal Customers



**Andrew Mayock**

**Federal Chief Sustainability Officer, White House Council on Environmental Quality**

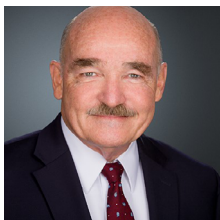
As the Federal Chief Sustainability Officer, Andrew Mayock leads President Biden's efforts to improve the sustainability of the Federal government, including by helping Federal agencies prepare for and respond to the impacts of climate change on their operations and services. Andrew brings over 25 years of public and private sector experience to the Biden Administration, including service in the Obama and Clinton Administrations. In the Obama Administration, Andrew served as Deputy Director for Management and Associate Director for General Government Programs at the Office of Management and Budget (OMB). During 2019–2020, Andrew served on the steering committee of the Climate 21 Project, which delivered advice for a coordinated, rapid-start, whole-of-government climate response. Andrew received a bachelor's degree from the University of Illinois, law degree from The George Washington University Law School, and a master in public administration from the Kennedy School of Government at Harvard University.



**Bob Rowe**

**CEO, NorthWestern Energy and Co-Chair, Institute for Electric Innovation**

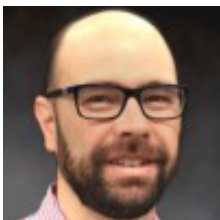
Bob has been CEO of NorthWestern since August 2008. He is Co-Chair of the Institute for Electric Innovation and a member of the EEI Board of Directors Executive Committee. Bob's focus is working with other employees to build a strong company, focused on providing essential infrastructure and service that will be a long-term partner to the customers and communities they serve. He holds a BA from Lewis and Clark College in Portland, Oregon, a JD from the University of Oregon, completed the Kennedy School Senior Executives' Program, and has been active in various professional organizations.



**Dennis V. McGinn**

**Vice Admiral (ret), Former Assistant Secretary of the U.S. Navy (Energy, Installations, and Environment)**

Dennis McGinn served as Assistant Secretary of the Navy for Energy, Installations and Environment from September 2013 until January 2017. In this role, he led the transformation of naval installations toward greater mission resiliency through energy efficiency, renewable energy, microgrids, and other technologies. Previously, Mr. McGinn served on active duty in the United States Navy for 35 years attaining the rank of Vice Admiral. Mr. McGinn served as Deputy Chief of Naval Operations for Warfare Requirements and Programs, overseeing the development of future Navy capabilities, and previously commanded the United States Third Fleet. Mr. McGinn holds a BS in Naval Engineering from the U.S. Naval Academy and was a Chief of Naval Operations Strategic Studies Fellow at the U.S. Naval War College. Mr. McGinn also participated in the National Security Program at Harvard University's Kennedy School of Government.



**Brian Rybarik**

**Director, Energy Markets, Energy & Sustainability, Microsoft Corporation**

Brian Rybarik is a Director of Energy Markets on the Energy and Sustainability Team in Microsoft's Data Center construction and operations division. Brian helps develop and maintain partnerships with utilities to connect new data center projects to the grid and to develop more sustainable energy options for Microsoft. Brian works across the Americas on regulatory and policy engagements to advance Microsoft's growing data center portfolio. Prior to joining, Brian held various policy, regulatory and legal positions in the energy field, including work at MidAmerican Energy Company, the Midcontinent Independent System Operator, and the Public Service Commission of Wisconsin.



**Matt Valle**

**Vice President, Development, Florida Power & Light**

Matt Valle is the Vice President of Development at Florida Power & Light (FPL) in Juno Beach, Florida. In his role, Matt is responsible for leading the new project and program development for the company across technologies including solar, batteries, electric vehicles, hydrogen, water, transmission and natural gas in the state of Florida. A few of these projects his team is responsible for include: executing FPL's "30 by 30" plan to install 30 million solar panels by 2030, launching FPL's SolarTogether program –the largest community solar program in the country, developing the 409 MW solar-plus-storage Manatee battery – which will be the largest battery in the world when complete, building out an electric vehicle charging program to link the major corridors in Florida and developing one of the first at-scale hydrogen pilots in the industry. vMatt received his Bachelor of Science with Merit from the U.S. Naval Academy in Systems Engineering, and his Master of Business Administration from Harvard Business School. He is married and has three children.

## **Rethinking Energy Efficiency as a Carbon Resource**



**Ralph Cavanagh**

**Energy Co-Director, Climate and Clean Energy Program, NRDC**

Ralph Cavanagh joined the Natural Resources Defense Council in 1979 and serves now as its Energy Co-Director. He has been a visiting professor at the Stanford and UC Berkeley Law Schools and a lecturer on law at Harvard, and he is a long-time faculty member at the University of Idaho's Energy Executive Course. He was a member of the US Secretary of Energy's Advisory Board (SEAB) from 1993-2003. He chairs the advisory board of the Energy and Efficiency Institute at the University of California at Davis, and he serves on the boards of the Bipartisan Policy Center and BPC Action. He has received the Heinz Award for Public Policy, the BPA Administrator's Award for Exceptional Public Service, the Alliance to Save Energy's Charles H. Percy Award for Public Service, and the National Association of Regulatory Utility Commissioners' Mary Kilmarx Award. He is a graduate of Yale College and the Yale Law School.



### **Gene Rodrigues**

#### **Vice President, Market Development, ICF**

Gene Rodrigues is Vice President of Market Development at ICF, a global consulting and professional services firm with a passion for making a positive difference in the world. Gene also serves on the board of the American Council for an Energy-Efficient Economy, as chair of the California Efficiency and Demand Management Council, as a committee lead in the Alliance to Save Energy's Active Efficiency Collaborative, and as a member of the Executive Committee for the State and Local Government Energy Efficiency Action Network. Gene has amassed 31 years of experience in clean demand-side resource policy and programs, including nearly 24 years overseeing all aspects of Southern California Edison's portfolio of demand-side management programs.



### **Charlotte Mitchell**

#### **Chair, North Carolina Utilities Commission and Co-Vice Chair, NARUC Committee on Energy Resources and the Environment**

Charlotte Mitchell was appointed to the North Carolina Utilities Commission by Governor Roy Cooper for a term that commenced on July 1, 2017 and ends on June 30, 2023. She was designated Chair of the Commission in 2019 and again in 2021. She serves on the leadership team of the Committee on Energy Resources and the Environment of NARUC, as a member of the Board of Directors of the Organization of PJM States, and on the EPRI Advisory Council. Mitchell earned a Juris doctor from UNC-Chapel Hill, as well as a Master of Environmental Economics and Policy from Duke University's Nicholas School of the Environment.



### **David Nemtsov**

#### **Director, Building Technologies Office, U.S. Department of Energy**

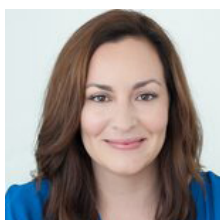
As Director of BTO, David leads this \$290 million per year office that develops innovative, cost-effective energy efficiency, demand flexibility and CO2-mitigating R&D, market-facing projects, deployment, regulations and other solutions for building technologies, equipment, systems, whole buildings and communities. Previously, he was Director-General of the New South Wales, Australia Department of Energy, Utilities, and Sustainability; President of the Alliance to Save Energy, and Chief Policy Officer of Ice Energy, Inc. He has a master's from Harvard University in public policy and a bachelor's from Brown University in environmental policy.



### **Matt O'Keefe**

#### **Group Vice President, Opower, Oracle Utilities**

Matt is the Head of Opower, a part of Oracle Utilities. He joined Opower nearly a decade ago and has led Opower's efforts in regulatory affairs, market development, and sales prior to leading the organization. In addition to leading Opower, Matt serves on the Board of Directors for the California Efficiency + Demand Management Council. Throughout his career he has focused on the intersection of business, government, economic development, and the environment. Prior to his work in the energy space, Matt was fourth-grade teacher as part of Teach for America.



### **Katie Sloan**

#### **Vice President, Customer Programs & Services, Southern California Edison**

Katie Sloan is currently leading SCE's Customer Programs and Services department to help customers maximize the value of their energy use and lower carbon emissions through technology. Katie was previously in charge of SCE's advanced energy solutions for its 15 million customers, including customer solar, battery storage, energy efficiency and demand response programs. Prior to that role, she was responsible for developing from the ground up SCE's vehicle and building electrification programs. Katie holds a master's degree in regulatory economics and bachelor's degree in business administration from New Mexico State University.

## Closing Remarks



**Tom Kuhn**

**President, EEI**

Tom Kuhn is President of the Edison Electric Institute, the association that represents all U.S. investor-owned electric companies. EEI's members provide electricity for 220 million Americans, operate in all 50 states and the District of Columbia, and directly employ more than 500,000 workers. In addition, EEI has 70 international electric companies as International Members, and 270 industry suppliers and related organizations as Associate Members. Mr. Kuhn joined the Institute in 1985 as executive vice president, was named chief operating officer in 1988, and elected president in 1990. Mr. Kuhn received a BA in Economics in 1968 from Yale University, served as a Naval Officer following his graduation, and received an MBA in 1972 from George Washington University. He completed the Stanford University Graduate School of Business Senior Executive Program in 1989.



## About the Institute for Electric Innovation

The Institute for Electric Innovation focuses on advancing the adoption and application of new technologies that will strengthen and transform the energy grid. IEI's members are the investor-owned electric companies that represent about 70 percent of the U.S. electric power industry. The membership is committed to an affordable, reliable, secure, and clean energy future.

IEI promotes the sharing of information, ideas, and experiences among regulators, policy makers, technology companies, thought leaders, and the electric power industry. IEI also identifies policies that support the business case for the adoption of cost-effective technologies.

IEI is governed by a Management Committee of electric industry Chief Executive Officers. In addition, IEI has a Strategy Committee made up of senior electric industry executives and a select group of technology companies on its Technology Partner Roundtable.

## About the Edison Foundation

The Edison Foundation is a 501(c)(3) charitable organization dedicated to bringing the benefits of electricity to families, businesses, and industries worldwide. Furthering Thomas Alva Edison's spirit of invention, the Foundation works to encourage a greater understanding of the production, delivery, and use of electric power to foster economic progress; to ensure a safe and clean environment; and to improve the quality of life for all people. The Edison Foundation provides knowledge, insight, and leadership to achieve its goals through research, conferences, grants, and other outreach activities.



*The Edison Foundation*

**INSTITUTE for  
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## Institute for Electric Innovation

701 Pennsylvania Avenue, N.W. | Washington, D.C. 20004-2696  
202.508.5440 | Visit us at: [www.edisonfoundation.net](http://www.edisonfoundation.net)