



Electricity Advisory Committee 2021 Membership Roster

Sharon Allan

Chief Strategy Officer
Smart Electric Power Alliance

Christopher Ayers

Executive Director
North Carolina Utilities Commission
Public Staff

Lauren Azar

Founder
Azar Law LLC

Andrew Barbeau

President
The Accelerate Group and Illinois Clean
Job Coalition

Tom Bialek

Chief Technology Officer
Toumetis

Daniel Brooks

Vice President of Integrated Grid
Electric Power Research Institute

Jennifer Chen

President
ReGrid

Robert Cummings

President
Red Yucca Power Consulting

Kimberly Denbow

Senior Director of Security, Operations,
& Engineering Services
American Gas Association

Andrew Fellon

President
Alliance Advisory Services

Sari Fink

Senior Director; Electricity and
Transmission Policy
American Clean Power Association

Flora Flygt

Strategic Planning & Policy Advisor
American Transmission Company (Ret.)

Lisa Frantzis

Senior Managing Director
Advanced Energy Economy

Sheri Givens

Vice President, US Regulatory &
Customer Strategy
National Grid

Brian Harrell

Vice President and Chief Security
Officer
Avangrid

Dave Herlong

Senior Director, Central Maintenance
and Construction
Florida Power & Light Company

Phil Herman

Senior Vice President, Energy and
Infrastructure
Blink Charging

Michael Heyeck

Founder
The Grid Group, LLC

Mario Hurtado

Chief Regulatory Officer
Luma Energy, LLC

Lola Infante

Executive Director, Government and
External Affairs
Electric Power Research Institute

Lynne Kiesling

Research Professor, College of
Engineering, Design and Computing
University of Colorado – Denver

Clay Koplin

CEO
Cordova Electric Cooperative

Robert M. Lee

CEO
Dragos

Brian Lipscomb

CEO
Energy Keepers

Nicole Lowen

Member
Hawai'i House of Representatives

Monica Martinez

Owner and Principal
Ruben Strategy Group LLC

Jessica Matthews

Founder and CEO
Uncharted Power, Inc.

Samara Moore

Security Assurance Senior Manager and
Global Energy Specialist
Amazon Web Services

Jay Morrison

Chief Legal Officer
ElectriCities of NC

Richard Mroz

Managing Director
Resolute Strategies, LLC

Don Parsons

Member
Georgia House of Representatives

Delia Patterson

Senior Vice President of Advocacy and
Communications and General Counsel
American Public Power Association

Darlene Phillips

Executive Director, Operations
Engineering Support
PJM Interconnection LLC

Wanda Reder

President and CEO
Grid-X Partners, LLC

Paul Stockton

President
Paul N. Stockton LLC

Ramya Swaminathan

CEO
Malta, Inc.

Tom Weaver

Manager, Distribution Systems Planning
American Electric Power Company Inc.
(Ret.)



Sharon Allan

Chief Strategy Officer, Smart Electric Power Alliance

PROFESSIONAL EXPERIENCE

- Chief Innovation Officer, Smart Electric Power Alliance, April 2017–present
- CEO, Smart Grid Interoperability Panel, November 2014–April 2017
- Advisor to Enertech Venture Capital, February 2013–present
- Managing Director/Partner, Accenture, May 2009–January 2013
- President, Elster Integrated Solutions, October 2006–May 2009
- President, AMCO, January–Oct 2006 (AMCO rolled into Elster)
- Chief Knowledge Officer, Elster/ABB, November 1997–January 2006
- Senior Manager, IBM, June 1989–November 1997

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- First in industry to speak on AMI mesh networks and commercialize an AMI mesh network.
- At ABB, developed one of the first meter data management (MDM) systems for the market and led a team that contributed to the creation of VEE (validation, estimation, and editing) rules in California. This paved the way for AMI across the United States.
- Have been an expert witness and testified on AMI before FERC and states.
- Commercialized over 40 offerings in the sector through work at ABB, Elster, Accenture, and Enertech.
- In summary, experience expands 20-plus years of bringing together groups to assist in driving transformation in the industry in areas undergoing change and to commercialize technology solutions to aid in that transformation.

AFFILIATIONS AND AWARDS

- Senior Member, IEEE
- 50 Key Women in Energy
- Named one of Smart Grid's Three Most Powerful Women, Smart Grid News

EDUCATION

- M.B.A., Duke University Fuqua School of Business
- B.S., Electrical Engineering, University of Florida, Gainesville
- Graduate courses in Electrical Engineering (Control and Communications), University of South Carolina, Columbia
- Graduate courses in Electrical Engineering, North Carolina State, Raleigh



Christopher Ayers

Executive Director, North Carolina Utilities Commission Public Staff

PROFESSIONAL EXPERIENCE

- Executive Director, North Carolina Utilities Commission Public Staff
- Partner, Land Use, Utilities, Government, Environment and Real Estate Practice Group, Poyner Spruill, LLP
- Associate Attorney, Regulated Industry and Governmental Relations Practice Group, Hunton & Williams, LLP

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Appointed July 2013 to serve a six-year term as Executive Director of the Public Staff, an independent state agency that represents the using and consuming public in all matters before the Utilities Commission. Responsible for developing and implementing Public Staff policies and procedures; overseeing the investigation of filed cases and prosecution of the Public Staff's legal positions in proceedings before the Utilities Commission; leading negotiations with parties in Utilities Commission dockets; interfacing with the General Assembly, Governor's Office, state and federal agencies, and the media regarding utilities matters; and managing the Public Staff's personnel and budget.
- Mr. Ayers' legal practice focused on the representation of electric, water and wastewater public utilities regulated by the Utilities Commission. Practice areas also included environmental, zoning and land use, real estate, regulatory compliance and appellate law. He appeared on behalf of clients before the North Carolina Department of Environment and Natural Resources, Office of Administrative Hearings, local zoning boards and commissions, and North Carolina state and federal courts.

AFFILIATIONS AND AWARDS

- Board of Directors, State Employees Credit Union Executive Committee, National Association of State Utility Consumer Advocates
- Executive Committee, Consumer Advocates of the PJM States, Inc.
- Commissioner, North Carolina Environmental Management Commission, Raleigh

EDUCATION

- J.D. (with honors), University of North Carolina School of Law, Chapel Hill
- A.B., Political Science and Sociology, Duke University



Lauren Azar

Founder, Azar Law LLC, Azar Consulting LLC

PROFESSIONAL EXPERIENCE

- Founder, Azar Law LLC; Azar Consulting LLC
- Senior Advisor to the Secretary, U.S. Department of Energy
- Commissioner, Public Service Commission of Wisconsin
- Partner, Michael Best & Friedrich LLP

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Provides legal and consulting services in the electric industry providing business, regulatory and policy advice, as well as project development and permitting. Among other things, she is currently assisting utilities to develop a path to deep decarbonization and working within the Midcontinent Independent System Operator (MISO) footprint to improve transmission planning and cost allocation.
- Azar served as the Senior Advisor to the US Secretary of Energy from 2011-13, advising him on the electric industry and its institutional barriers. She also co-lead negotiations among nine federal agencies, to overhaul and streamline their evaluation of electric transmission.

AFFILIATIONS AND AWARDS

- Governor-Elect Evers' (WI) Agriculture, Energy and Natural Resources Policy Advisory Council, December 2018 to January 2019
- U.S. DOE Brain Trust for the Advanced Research Projects Agency - Energy (ARPA-E), 2012-2013
- Eastern Interconnection States' Planning Council: President, 2010-2011; Executive Committee, 2010-2011
- U.S. DOE Electricity Advisory Council Vice Chair, 2010-2011

EDUCATION

- J.D., University of Wisconsin-Madison
- M.S. University of Wisconsin-Madison
- M.A. Northwestern University
- B.A., Rutgers University



Andrew Barbeau

President, The Accelerate Group and Illinois Clean Jobs Coalition

PROFESSIONAL EXPERIENCE

- President, The Accelerate Group
- Senior Consultant, Environmental Defense Fund
- Co-Founder, Robert W. Galvin Center for Electricity Innovation
- Policy Advisor, Office of the Governor for the State of Illinois

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- With The Accelerate Group, Mr. Barbeau has served as a national thought leader on electricity policy, market, and technology issues, helping to author clean energy legislation and serving as a subject matter expert in electric utility regulation on topics such as microgrids, rate design, electric vehicles, renewable energy program design, and rate structures.
- Since 2020, Mr. Barbeau has led the Policy + Innovation Coordination Group, the California Public Utilities Commission's effort to spur coordination and collaboration among the \$1.5 billion in electricity research, development, and demonstration projects funded as part of the state's EPIC program.
- The Accelerate Group, with its sister company Accelerate Energy Labs, has launched innovative pilot projects itself around smart buildings, smart cities, and microgrids in the U.S. and Europe. Their smart building software solution, Site Energy, has been adopted by more than 10 million square feet of commercial office buildings.
- Prior to founding The Accelerate Group in 2012, Mr. Barbeau was the co-founder of the Robert W. Galvin Center for Electricity Innovation, a \$40 million energy research & development center that built the world's first Perfect Power Microgrid on the campus of IIT. Mr. Barbeau also served as a policy advisor in the Office of the Governor for the State of Illinois.

AFFILIATIONS AND AWARDS

- Illinois Clean Energy Jobs Coalition
- Board of Directors, Asklepios Foundation

- Powering Illinois Future Committee, 2018-19
- Karen May Leadership Award, 2017

EDUCATION

- M.A., American Government, Loyola University Chicago
- B.A., Political Science, Loyola University Chicago



Tom Bialek

Chief Technology Officer, Toumetis

PROFESSIONAL EXPERIENCE

- Chief Technology Office, Toumetis
- Chief Engineer, San Diego Gas & Electric Company

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Bialek is currently employed by Toumetis as the Chief Technology Officer. His present responsibilities involve applying utility transmission and distribution knowledge of equipment, operations, planning and time-series data with data science and machine learning to provide business value to clients.
- He previously worked at where at San Diego Gas & Electric Company (SDG&E) as Chief Engineer. His responsibilities involved technology strategy and policy for transmission and distribution issues, including equipment, operations, planning, distributed generation and development of new technologies. His experience includes electric utility design, planning and operation and equipment design, development and manufacturing.

AFFILIATIONS AND AWARDS

- Member, Institute of Electrical and Electronics Engineers Dielectrics and Electrical Insulation Society
- Former Chair, Failure Mechanism Technical Committee
- Former Secretary, Dielectrics and Electrical Insulation Society
- Former Working Group Member, Surge Arresters

EDUCATION

- Ph.D., Electrical Engineering, Mississippi State University
- M.S., Electrical Engineering, University of Manitoba, Canada
- B.S., Electrical Engineering, University of Manitoba, Canada



Daniel Brooks

Vice President of Integrated Grid, Electric Power Research Institute

PROFESSIONAL EXPERIENCE

- Manager, Grid Operations and Planning Research Group, Electric Power Research Institute (EPRI)
- Manager, Renewables Integration Research Team, EPRI
- Electrotek Concepts

ENERGY EXPERIENCE

- More than 25 years of experience in the energy industry in various research and development, consulting, and technology innovation management roles.
- Leads the teams responsible for EPRI's research involving integrated energy systems planning, system operations, and integration of renewables, energy storage, and distributed energy resources.
- Managed the Grid Operations and Planning research group at EPRI. Responsible for transmission and distribution system operations and planning research, including the integration of variable renewable generation and distributed resources (e.g., distributed solar, energy storage, electric vehicles, and demand response), system resiliency and restoration, system protection and control, system stability and dynamic modeling, and advanced situational awareness and operator decision support tools.

EDUCATION

- B.S., Electrical Engineering, Mississippi State University
- M.S., Electrical Engineering, Mississippi State University
- M.B.A., University of Tennessee at Martin



Jennifer Chen
President, ReGrid

PROFESSIONAL EXPERIENCE

- President, ReGrid
- Senior Policy Fellow, Coefficient
- Senior Council for Federal Energy Policy, Duke University
- Attorney, Natural Resources Defense Council
- Attorney-Advisory, Federal Energy Regulatory Commission

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Jennifer Chen works to help clients shape electricity, transmission and governance policies with an eye toward modernizing grid infrastructure and scaling up clean energy. She has written and presented on these topics, including testifying before the U.S. Congress and the U.S. Federal Energy Regulatory Commission (FERC).
- Prior to hanging her own consulting shingle, Jennifer led federal energy policy work at the Nicholas Institute, a think tank for environmental policy solutions at Duke University. She was previously an attorney with the Natural Resources Defense Council, where she led a coalition of NGOs and collaborated with stakeholders to advocate for an efficient and flexible power system. She began her energy career at FERC.

AFFILIATIONS AND AWARDS

- Advisory Council Member, Americans for a Clean Energy Grid
- eLab Accelerator Team Member, Rocky Mountain Institute
- Advisory Council Member, World Resources Institute

EDUCATION

- Doctor of Law (JD), New York University School of Law
- PhD, Physics, University of Chicago



Robert Cummings
President, Red Yucca Power Consulting

PROFESSIONAL EXPERIENCE

- Senior Director of Engineering and Reliability Initiatives, North American Electric Reliability Company, 22 years

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Cummings has extensive experience in the industry in system planning, operations engineering, and wide-area planning. His geographically diverse experience includes Central Vermont Public Service Corporation in System Planning (generation and transmission), Public Service Company of New Mexico in Operations Engineering and Wide-area Planning, and the East Central Area Reliability Coordination Agreement (ECAR) regional office of NERC as the Manager of Transmission Services.
- He was a principal investigator of the 2003 Northeast Blackout and the more recent Arizona-Southern California outage of September 8, 2011. He directed the NERC event analysis program for five years, leading or working on 12 major system disturbance analyses.
- Mr. Cummings is the “father” of power interchange transaction “tagging” and the Interchange Distribution Calculator for the Eastern Interconnection, which is known as the Enhanced Curtailment Calculator in the Western Electricity Coordination Council.

AFFILIATIONS AND AWARDS

- Senior Member, Institute of Electrical and Electronics Engineers
- Member, Scientific Advisory Board of CURENT (Center for Ultra-wide Area Resilient Electric Energy Transmission Networks)
- Senior Staff Technical Advisor for the NERC System Analysis and Modeling Subcommittee
- Technical Advisor to the North American Synchro-Phasor Initiative
- Technical Director of the NERC System Protection Improvement Initiative, the Modeling Improvements Initiative, and the Frequency Response Initiative

EDUCATION

- B.S., Power System Engineering, Worcester Polytechnic Institute

Kimberly Denbow
Senior Director, Security, Operations, & Engineering
American Gas Association



PROFESSIONAL EXPERIENCE

- Senior Director of Security, Operations & Engineering Services, American Gas Association (AGA), 20+ years

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- As industry liaison to numerous U.S. Department of Homeland Security and Department of Energy-sponsored programs targeting natural gas utility physical and cybersecurity operations, Ms. Denbow helps lead efforts that drive the coordination of multiple federal security initiatives—all designed to benefit the oil and natural gas sector.

AFFILIATIONS AND AWARDS

- Served as staff executive for multiple AGA Operating Section technical committees, including the AGA Natural Gas Security Committee and the AGA Board-appointed Cybersecurity Strategy Task Force
- Member, Oil & Natural Gas Sector Coordinating Council (ONG SCC)
- Chair, ONG/Pipeline SCC Joint Cybersecurity Working Group
- Former Chair, ONG SCC Intelligence Sharing Task Group and ONG SCC Metrics Working Group

EDUCATION

- M.S., Environmental Engineering, University of Michigan, Ann Arbor
- B.S., Marine Biology, University of Florida, Gainesville



Andrew Fellon

President, Alliance Advisory Services

PROFESSIONAL EXPERIENCE

- Business Leader, Trane's Energy Services & Controls
- President and CEO, Fellon-McCord & Associates LLC
- Business Leader, Trane's Energy Services & Controls, Energy Supply Services business unit known as Trane Building Advantage
- Senior Vice President, National Accounts, Centran Corporation

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Fellon continuously held senior positions with major energy companies. These included serving as president and CEO of Alliance Gas Services, a company which Mr. Fellon cofounded in 1993 and developed in conjunction with the nonregulated subsidiary of Consumers Power. Alliance Gas ultimately became a general partner with Conoco Inc. through the formation of Alliance Energy Services (AES) in 1995 until its sale to Allegheny Energy, Inc. in 2001. Alliance Energy was the cornerstone of what is known today as Constellation NewEnergy Gas (CNEG).
- AES was acquired by Constellation Energy Group (CEG) in 2003. Mr. Fellon served as president and CEO of CNEG from 2003 to 2008. In 2008, Mr. Fellon acquired Fellon-McCord and led the development of what are today Trane's Energy Supply Service and Trane Energy Choice businesses. In 2008, Fellon-McCord acquired DaCott Power, creating a 24/7 Power Control Center to allow Fellon-McCord's customers to buy directly from the U.S. wholesale power markets.

AFFILIATIONS AND AWARDS

- Member, Board of Directors, The Aluminum Association, 2011–14
- Past Chairman, Associate Member Committee, and Member, Finance Committee, The Aluminum Association
- Chairman, Audit Committee, and Member, Real Property Investment, Conservation and Management Committee, The American Life and Accident Insurance Company of Kentucky/Hardscuffle, Inc.
- Energy and Environmental Cabinet, Kentucky Chamber of Commerce
- B.S., Industrial and Management Systems Engineering, Pennsylvania State University, State College

EDUCATION

- B.S., Industrial and Management Systems Engineering, Pennsylvania State University, State College



Sari Fink

Senior Director, Electricity and Transmission Policy,
American Clean Power Association

PROFESSIONAL EXPERIENCE

- Senior Director, Electricity & Transmission Policy, American Clean Power Association
- Manager, Market Development, American Petroleum Institute
- Manager, Wholesale Market Development, Exelon
- Director, Market Development, America's Natural Gas Alliance
- Senior Regulatory Analyst, Ohio Consumers' Counsel
- Economist, Exeter Associates, Inc.
- Policy Advisor, British Columbia Ministry of Energy and Mines

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Manages ACP's advocacy and activities, on behalf of ACP members, within several of the nation's ISOs/RTOs. She serves as the subject matter expert on wholesale electricity market design issues and works collaboratively within and without ACP on advancing transmission development.
- Worked at the American Petroleum Institute managing electric industry issues for the natural gas sector
- Worked for the Ohio Consumers' Counsel as a subject matter expert on wholesale markets and renewable energy
- Consultant with Exeter Associates where she performed economic and policy analysis on energy issues on behalf of public sector clients

EDUCATION

- M.A., Economics, University of Victoria
- B.S., Economics, University of Victoria



Flora Flygt

Strategic Planning & Policy Advisor, American Transmission Company (retired)

PROFESSIONAL EXPERIENCE

- Strategic Planning and Policy Advisor, American Transmission Company
- Director of Planning, American Transmission Company
- Director of Corporate Research and Market Development, Alliant Energy
- Manager of Market and Competitive Research, Alliant Energy
- Principal—EnerPlan Energy Consulting
- Supervisor of Load Forecasting, Analyst, Madison Gas and Electric

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Retired electric utility professional with almost 35 years of experience in a variety of leadership and planning roles, with an emphasis on developing and implementing innovative analytical approaches to utility planning and research issues. Pioneered the implementation of econometric and end-use load forecasting, integrated resource planning, and use of scenarios in making electricity resource and transmission decisions.
- Areas of focus: transmission planning (reliability, economic and public policy), scenario development, integrated resource planning, energy efficiency and demand-side planning, stakeholder management, strategy development, corporate research and competitive analysis, and long-term load forecasting.

AFFILIATIONS AND AWARDS

- Eastern Interconnection Planning Collaborative
- Chair (2014–15), Industry Advisory Board—Power Systems Engineering Research Center (PSERC)
- Presented at and chaired many industry conferences

EDUCATION

- M.S., Land Resources, University of Wisconsin–Madison
- B.A., Economics, University of Michigan–Ann Arbor
- Master’s Certificate, Energy Analysis & Policy, University of Wisconsin–Madison



Lisa Frantzis

Senior Managing Director, Advanced Energy Economy

PROFESSIONAL EXPERIENCE

- Senior Managing Director, Advanced Energy Economy
- Managing Director, Navigant Consulting
- Director, Arthur D. Little

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Lisa Frantzis leads AEE's Utility Advisory Committee and CEO Forums, which address business model reforms and regulatory changes needed to accelerate the transition to a 21st century electricity and transportation system. These initiatives convene utility executives, Public Utility Commissioners, and advanced energy companies to develop a vision for reform that is responsive to the needs of each state and drives towards concrete action.
- Led the renewable and distributed energy business in Navigant Consulting's Energy Practice, as Managing Director.

AFFILIATIONS AND AWARDS

- Board of Directors, Northeast Clean Energy Council
- American Council on Renewable Energy (prev.)
- Solar Energy Business Association of New England (prev.)
- Smart Electric Power Alliance (prev.)

EDUCATION

- B.A., New Emerging Technologies, Wesleyan University



Sheri Givens

Vice President, U.S. Regulatory & Customer Strategy, National Grid

PROFESSIONAL EXPERIENCE

- President, Givens Consulting LLC
- Public Counsel/Executive Director, Texas Office of Public Utility Counsel
- Assistant General Counsel, Office of General Counsel, Texas Workforce Commission
- Senior Attorney, Commission Advising and Policy Development, Public Utility Commission of Texas

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- President of Givens Consulting LLC, a Texas-based energy consulting firm formed in 2013. Ms. Givens focuses on utility consumer education and regulatory policy in energy markets nationwide. She works with consumer advocate and nonprofit organizations, trade associations, governmental entities, and utilities.
- In addition to serving as the governor-appointed executive director of the Texas Office of Public Utility Counsel, Ms. Givens served on the board of directors for both the Electric Reliability Council of Texas (ERCOT) and Texas Reliability Entity for four years.
- She was elected, by fellow nationwide advocates, to serve on the Executive Committee of the National Association of State Utility Consumer Advocates (NASUCA). Other experience includes attorney positions with the Public Utility Commission of Texas, Texas Workforce Commission, and the Texas legislature.

AFFILIATIONS AND AWARDS

- Association of Women in Energy, Director
- Energy Bar Association
- Women's Council on Energy and the Environment
- Citation for Exceptional Service in Support of National Defense, Association of the United States Army (2013)

EDUCATION

- J.D., University of Houston Law Center, Houston
- B.A., Government, University of Texas–Austin



Brian Harrell

Vice President and Chief Security Officer, AVANGRID

PROFESSIONAL EXPERIENCE

- Vice President and Chief Security Officer, AVANGRID
- Assistant Secretary for Infrastructure Protection, Department of Homeland Security
- Managing Director, Enterprise Security, Duke Energy
- Director of Security and Risk Management, Navigant Consulting
- Director of Electricity Information Sharing and Analysis Center

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Currently the Vice President and Chief Security Officer for AVANGRID where he is charged with leading the company's cybersecurity, physical security, privacy, and fire protections units.
- Appointed by the President of the United States to serve as the Assistant Secretary for Infrastructure Protection at the U.S. Department of Homeland Security.
- Former security executive at Duke Energy and the North American Electric Reliability Corporation (NERC). Recently recognized as Security Magazine's "Most Influential People in Security".

AFFILIATIONS AND AWARDS

- Recently recognized as Security Magazine's "Most Influential People in Security"
- Frequent lecturer at the Pennsylvania State University, George Washington University, University of Ottawa, and Auburn University
- Regular media interviews with the New York Times, NPR Radio, Wall Street Journal, Politico and other mainstream outlets
- Regular speaker at major national and international security related events

EDUCATION

- Master of Homeland Security, Pennsylvania State University
- M.A., Central Michigan University
- B.A., Hawaii Pacific University
- Certificate, US Naval Postgraduate School



Dave Herlong

Senior Director, Central Maintenance and Construction, Florida Power & Light Company

PROFESSIONAL EXPERIENCE

- Senior Director, Control Center and Smart Grid Operations, Florida Power & Light Company
- Director, Smart Grid and Innovation, Florida Power & Light Company

ENERGY EXPERIENCE

- Lead diverse team of large-scale, enterprise-wide grid resiliency efforts. Manage \$2B of annual capital investments to improve Florida's hurricane response efforts.
- Responsible for the safe, 24/7 emergency operations and restoration efforts for over 10 million people, including the intelligent ecosystem of smart grid devices and data.
- Create measurable business value to improve customer reliability and operations and maintenance efficiency. Drive value-capture by leveraging technologies in innovative ways through collaborative cross-functional teams.

EDUCATION

- Executive Certificate, Strategy & Innovation, MIT Sloan School of Management
- B.S., Industrial & Systems Engineering, University of Florida
- United States Marine Corps Officer Candidate School



Phil Herman

Senior V.P., Energy and Infrastructure, Blink Charging

PROFESSIONAL EXPERIENCE

- Senior Vice President, Energy and Infrastructure, Blink Charging
- Principal, Herman Energy Group
- Vice President, Green Tower Solutions and Chief Energy Engineer, Panasonic

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Regarded by his peers as a renewable energy expert, Phil has made a name for himself by developing and implementing a wide range of alternative energy projects. He has held senior executive positions in large energy service companies, both utility-independent and utility owned.
- He has spent his exemplary 30-year career pursuing innovation in the engineering, construction and energy sectors as an engineer and entrepreneur. During the past 10 years Phil has turned his efforts to advanced energy systems including Lithium batteries, which brings a unique viewpoint of the energy and environmental sectors to Blink Charging.
- The Licensed Professional Engineer and LEED AP, currently serves as Blink Charging's Sr. Vice President of Energy & Infrastructure, focusing on Technology R&D, Product Development, Engineering, IT, Field Service and other related activities.

AFFILIATIONS AND AWARDS

- Licensed Professional Engineer
- LEED AP certification

EDUCATION

B.S., Mechanical Engineering, Washington University, St. Louis



Michael Heyeck
Founder, The Grid Group LLC

PROFESSIONAL EXPERIENCE

- Founder, The Grid Group LLC
- Senior Vice President—Transmission & Other Roles, American Electric Power (AEP)

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

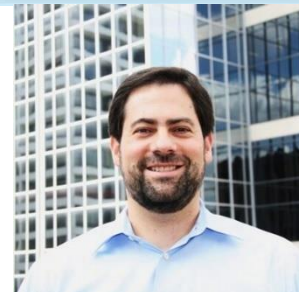
- Mr. Heyeck founded The Grid Group LLC in June 2013 to provide strategic advisory and business development services for executives and boards in the electric utility industry and associated industries, tapping nearly 40 years of industry experience. He retired in 2013 as Senior Vice President of Transmission for AEP. He was responsible for AEP's 11-state transmission system, including officer and board positions for several AEP affiliates. He also held leadership positions in AEP's Corporate Planning & Budgeting department. He joined AEP in 1976.

AFFILIATIONS AND AWARDS

- Board Member, Caravels LLC (dba Georgia Transformer Corp.)
- Board Member, Virginia Transformer Corp.
- Associate Board Member, Commonwealth Associates Inc.
- Member of CIGRE, Senior Member of the Institute of Electrical and Electronics Engineers (IEEE)
- Licensed Professional Engineer, State of Ohio
- IEEE Power & Energy Society—Leadership in Power Award (2013)
- National Society of Professional Engineers—Professional Engineers in Industry Engineer of the Year Award (2013)

EDUCATION

- Executive Program, University of Virginia's Darden School, Charlottesville
- M.B.A., University of Dayton
- B.S., M.S., Electrical Engineering, New Jersey Institute of Technology, Newark



Mario Hurtado
Chief Regulatory Officer, Luma Energy LLC

PROFESSIONAL EXPERIENCE

- Chief Regulatory Officer, Luma Energy LLC
- Principal, Zua Consulting
- Co-Founder and Executive Vice President of Development, Clean Line Energy Partners
- Vice President, Americas, Globaleq
- Director, Acquisitions and Divestitures, Duke Energy

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mario Hurtado is a senior executive leader of high growth energy and utility businesses with deep experience in U.S. and international markets. He is a leader for developing complex energy infrastructure projects (electric transmission, power generation and LNG) in diverse markets and regulatory environments. He's led multi-disciplinary and multi-country teams to achieve short- and long-term business objectives and has a proven ability to solve problems in corporate and entrepreneurial settings. Mr. Hurtado has negotiated project and transaction documents for successful energy investments in the US, Colombia, Brazil, Panama, El Salvador, Dominican Republic and other markets.
- Mr. Hurtado has the broad responsibility of regulatory functions for the operator of Puerto Rico's electric transmission and distribution system. This includes managing oversight including the department's areas power purchase administration, resource planning, non-environmental permitting, and land.

AFFILIATIONS AND AWARDS

- Speaker and panelist at numerous electric industry conferences.
- Board positions in investee companies.
- Former Board Member, Columbia University Alumni Club of South Texas.

EDUCATION

M.A., International Relations, SAIS, John's Hopkins University
B.A., Political Science, Columbia University



Lola Infante

Executive Director, External and Government Affairs,
Electric Power Research Institute

PROFESSIONAL EXPERIENCE

- Senior Advisor, External Relations and Strategic Initiatives, Electric Power Research Institute
- Senior Director, Clean Energy Technology and Policy, EEI
- Senior Director, Generation Fuels and Market Analysis, EEI
- Director, Generation Fuels and Market Analysis, EEI
- Manager, Generation Fuels and Market Analysis, EEI
- Senior Research Fellow, Center for the Advancement of Energy Markets
- Chief, Marketing, Analysis and Research, GAB Robins

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Led EEI's Storage and Microgrid Initiative. Dr. Infante's work provided the foundation and framework for establishing three additional focus areas for EEI—data analytics, data and distribution grid security, and electrification and smart cities.
- Extensive knowledge in the nexus of policy, industry, and technology, particularly in the areas of electricity generation (fossil as well as clean and alternative energy solutions), energy and environmental policy, corporate strategy and planning, evolving business models, and regulatory frameworks.

AFFILIATIONS AND AWARDS

- International Association for Energy Economics
- Women's Council on Energy and the Environment
- Power Gen International Conference Planning Committee
- Power Gen International Woman of the Year Committee—Founding member

EDUCATION

- Ph.D. with Distinction, International Relations/Political Economy, School of Advanced International Studies, Johns Hopkins University, Washington, DC
- M.A., Energy, Environment, Science and Technology, School of Advanced International Studies, Johns Hopkins University, Washington, DC
- DEA (M.A. Equivalent), International Economics and Finance, Universite de Paris IX, Paris, France
- B.A., Economics and Finance, Sciences-Po, Paris, France



Lynne Kiesling

Research Professor, College of Engineering, Design and Computing,
University of Colorado – Denver

PROFESSIONAL EXPERIENCE

- Visiting Professor and Co-Director, Institute for Regulatory Law & Economics, Carnegie Mellon University
- President, Knowledge Problem, Inc.
- Visiting Associate Professor and Associate Director, Purdue University Research Center in Economics
- Associate Professor of Instruction, Economics, Northwestern University
- Research Fellow, Interdisciplinary Center for Economic Science, George Mason University

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Her research in transactive energy uses transaction cost economics to examine regulation, market design, and technology in the development of retail markets, products and services and the economics of smart grid technologies in the electricity industry.
- Her publications include journal articles, policy analyses, and *Deregulation, Innovation, and Market Liberalization: Electricity Regulation in a Continually Evolving Environment* (Routledge, 2008).
- As a noted expert in smart grid economics, regulatory and market design, and retail competition, Lynne speaks to various academic, industrial, and regulatory groups about regulatory policy, institutional change, and economic analysis of electric power market design
- In addition to her publications she has served as a peer reviewer for the U.S. Department of Energy and the National Science Foundation, and for academic journals including *Review of Economics and Statistics*, *Journal of Regulatory Economics*, *Energy Journal*, *Public Choice*, *Journal of Institutional Economics*, and *Energy Policy*.

AFFILIATIONS AND AWARDS

- Member, National Institute of Standards and Technology's Smart Grid Advisory Committee (2017-2019)
- Emerita Member, GridWise Architect Council



Clay Koplin

CEO, Cordova Electric Cooperative

PROFESSIONAL EXPERIENCE

- CEO, Cordova Electric Cooperative
- Mayor, City of Cordova
- Manager of Engineering and Operations, Cordova Electric Cooperative
- Staff Engineer, Kodiak Electric Association

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Koplin became CEO for Cordova Electric Cooperative (CEC) in 2007. He manages the generation, transmission, and distribution of electricity to the community of Cordova, Alaska, an electrically isolated (island grid) utility. CEC is a leader in class, with a large renewable energy generation portfolio, 100% underground lines, 100% community LED street lighting, and affordable rates for its location.

AFFILIATIONS AND AWARDS

- State of Alaska Marine Transportation Advisory Board
- Prince William Sound Economic Development District Board
- Cordova Chamber of Commerce Board President
- Northwest Public Power Association Board of Trustees
- Alaska Statewide Electric Utility Manager's Forum Chairman
- Alaska Center for Energy and Power Advisory Board

EDUCATION

- M.B.A., Indiana University's Kelly School of Business, Bloomington
- B.S., Electrical Engineering, University of Alaska–Fairbanks



Robert M. Lee
CEO, Dragos

PROFESSIONAL EXPERIENCE

- Advisor, Resilient Energy Delivery Consortium
- Senior Instructor, SANS Institute

ENERGY EXPERIENCE

- Mr. Lee is a recognized pioneer in the industrial security incident response and threat intelligence community. He gained his start in security as a U.S. Air Force Cyber Warfare Operations Officer tasked to the National Security Agency where he built a first-of-its-kind mission identifying and analyzing national threats to industrial infrastructure. He went on to build the industrial community's first dedicated monitoring and incident response class at the SANS Institute (ICS515) and the industry-recognized cyber threat intelligence course (FOR578).
- Mr. Lee helped lead the investigation of the 2015 cyberattack on Ukraine's power grid. He and his team at Dragos helped identify and analyze the CRASHOVERRIDE malware that attacked Ukraine's grid in 2016 and the TRISIS malware deployed against an industrial safety system in the Middle East in 2017.

EDUCATION

- M.S., Cybersecurity, Computer Forensics, Utica College
- B.S., Social Sciences, United States Air Force Academy



Brian Lipscomb
CEO, Energy Keepers Inc.

PROFESSIONAL EXPERIENCE

- CEO, Energy Keepers Inc.
- Director, Confederated Salish Kootenai Tribes
- Executive Director, Columbia Basin Fish and Wildlife Authority

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Lipscomb is CEO of Energy Keepers, Inc., a tribal corporation established in the fall of 2012 to manage the Confederated Salish and Kootenai Tribes' (CSKT's) acquisition of Kerr Dam.
- His breadth of experience includes time with the US Forest Service, the Confederated Salish and Kootenai Tribes, and as the Executive Director of Columbia Basin Fish and Wildlife Authority

AFFILIATIONS AND AWARDS

- Member, National Institute of Standards and Technology's Smart Grid Advisory Committee (2017-2019)
- Emerita Member, GridWise Architect Council
- Senior Fellow, Fraser Institute

EDUCATION

B.S., Civil Engineering, Montana State University-Bozeman



Rep. Nicole Lowen
State Representative, Hawaii

PROFESSIONAL EXPERIENCE

- Legislative Researcher/Committee Clerk, Hawaii State Legislature
- Policy Researcher, University of Hawaii Department of Urban and Regional Planning
- Legislative Liaison, University of Hawaii Environmental Center

ENERGY EXPERIENCE

- Rep. Lowen is currently the chair of the Hawaii House of Representatives Committee on Energy and Environmental Protection, and a member of the committee on Water and Land.
- She has served as a member of the Ke Kai Ola Advisory Board, the Sierra Club Hawaii Chapter Executive Committee, and the Kona-Kohala Chamber of Commerce.

EDUCATION

- M.A., Urban Planning, University of Hawaii at Manoa
- B.A., History, University of Pennsylvania



Monica Martinez

Owner and Principal, Ruben Strategy Group LLC

PROFESSIONAL EXPERIENCE

- Owner and Principal, Ruben Strategy Group LLC
- Commissioner, Michigan Public Service Commission
- Deputy Director, Legislative Affairs Division, Office of Governor Jennifer M. Granholm
- Senior Policy Advisor and Committee Analyst, Michigan Senate

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Monica Martinez is an executive with over 20 years of experience in government, regulatory, and non-profit relations. She has special expertise in organizational development and policy development with a demonstrated ability to lead regional multi-interest stakeholder efforts. Ms. Martinez is an effective speaker, consensus builder, and leader.
- She created Ruben Strategy Group as a boutique consulting practice focused on providing clients with strategic planning in the areas of non-profit growth, state policy, and regulation with a customer centric focus.
- During Ms. Martinez's time as a Commissioner of the MPSC, she examined cases and issued decisions in over 550 cases annually, including over \$1.5 billion in rate increase requests affecting natural gas, telecommunications, and electric services within the state. She also provided expert testimony on utility and financial matters before the MISO Board of Directors, State Legislature, and other forums, including Wall Street analyst and utility company investor meetings resulting in approval of major utility investment in the state and upward trend of regulatory rating.
- Among Ms. Martinez's many responsibilities in the Office of Governor Granholm, she advised the Governor and Lieutenant Governor on policy direction and political strategy on over 300 legislative bills, ranging from matters concerning taxation, education, public utilities, and human services.

AFFILIATIONS AND AWARDS

- Lake Trust Credit Union, Board of Director & Associate Board of Director
- American Council for an Energy-Efficient Economy
- Advancing Women in Energy, Co-Founder and President
- Hispanics in Energy, Co-Founder, Past President, Board of Director

EDUCATION

- M.B.A., Business Administration, University of Michigan
- B.A., Economics and Political Science, University of Michigan



Jessica O. Matthews
Founder and CEO, Uncharted Power

PROFESSIONAL EXPERIENCE

- Founder and CEO, Uncharted Power

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Jessica O. Matthews is the Founder & CEO of Uncharted Power, an award-winning, sustainable infrastructure company that transforms the ground beneath us into an industrial IoT platform for streamlined the integration, deployment, and management of critical infrastructure like power lines, broadband, sidewalks, and water pipes.
- Jessica’s success in entrepreneurship led to a White House invitation from President Barack Obama to represent small companies for the signing of the America Invents Act in 2012. In 2016, she raised what was at the time the largest Series A round ever raised by a black female founder in history, and was selected to ring the NASDAQ opening ceremony bell, representing all Forbes 30 Under 30 alumni
- Jessica’s research and career center around the intersection of disruptive technology, renewable energy, human behavior, and the psychology of self-actualization.

AFFILIATIONS AND AWARDS

- Advisory Board Member, The CLEEN Project
- Board Member, Scenic Hudson, Inc.
- Board Member, Women.NYC
- 2013 Innovator of the Year, Black Enterprise
- Forbes 30 Under 30, 2014
- Inc. 30 Under 30, 2016
- One Young World Entrepreneur of the Year, 2020

EDUCATION

- M.B.A., Impact Entrepreneurship, Harvard Business School
- B.A., Psychology and Economics, Harvard University



Samara Moore

**Security Assurance Senior Manager and Energy Specialist,
Amazon Web Services**

PROFESSIONAL EXPERIENCE

- Security Assurance, Energy Specialist, Amazon Web Services
- Director, Cyber Strategy and Engagement, Exelon
- Senior IT and Cyber Security Policy Advisory, U.S. Department of Energy
- Director, Critical Infrastructure Cybersecurity, White House National Security Council

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Samara Moore leads the security and compliance program for regulated industries and public sector in the Americas region. As a thought leader and seasoned cybersecurity practitioner, she has focused her career on implementing and sustaining programs to effectively manage cyber risks and align security measures with business and IT strategies.
- Prior to joining AWS, Mrs. Moore managed enterprise security programs for regulated and non-regulated environments for a major energy provider. She also managed security programs within the federal government for over 10 years, including as a former Director of Critical Infrastructure Cybersecurity for the White House National Security Council and Senior Cybersecurity Advisor at the U.S. Department of Energy.
- Mrs. Moore has worked in security consulting, operations and policy, and led development of frameworks such as the Electricity Sector Cybersecurity Capability Maturity Model and supported the development of the NIST Cyber Security Framework.

EDUCATION

- Masters, Engineering Management and Systems Engineering – Information Security Management, George Washington University
- B.A., Accounting and Information Systems, Virginia Polytechnic Institute and State
- B.S., Electrical Engineering, University of Virginia



Jay Morrison

Chief Legal Officer, ElectriCities of North Carolina

PROFESSIONAL EXPERIENCE

- Vice President, Regulatory Issues, National Rural Electric Cooperative Association (NRECA)
- Senior Associate Director, Regulatory Counsel, NRECA
- Associate Director, Regulatory Counsel, NRECA
- Senior Regulatory Counsel, NRECA
- Regulatory Counsel, NRECA
- Associate, Paul, Hastings, Janofsky & Walker LLP
- Counsel, U.S. Senate Committee on Labor and Human Resources

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Morrison leads the Regulatory Issues unit of NRECA's government relations department. He works with a staff of professional advocates representing NRECA and its members on matters relating to federal and state utility regulation, power supply, and delivery. Since joining NRECA in 1998, Mr. Morrison has worked extensively on issues relating to wholesale market design, power supply and delivery, industry restructuring, renewable energy, energy efficiency, distributed generation, and the smart grid.

AFFILIATIONS AND AWARDS

- Energy Bar Association
- American Bar Association, Infrastructure and Regulated Industries Section
- American Bar Association, Section of Environment, Energy, and Resources, Energy Markets and Finance Committee
- Electric Cooperative Bar Association
- Lawrence Berkeley National Laboratory Future of Electric Utility Regulation Advisory Group
- Harvard Electricity Policy Group

EDUCATION

- J.D., Harvard Law School
- M.P.P., John F. Kennedy School of Government
- B.A., Political Science, University of California, Los Angeles



Richard Mroz
Managing Director, Resolute Strategies

PROFESSIONAL EXPERIENCE

- Managing Director, Resolute Strategies
- Commissioner, New Jersey Board of Public Utilities
- Managing Director, Archer Public Affairs in Trenton, NJ, and Of Counsel to Archer & Greiner P.C.

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Mroz was Commissioner of the New Jersey Board of Public Utilities (NJBPU). He was nominated to the position on September 18, 2014, and was confirmed by the state Senate on September 22, 2014. Commissioner Mroz was president of the NJBPU October 2014–January 2018, serving as chairman and chief administrative officer of the agency, and functioning as the chief energy officer for New Jersey.
- Mr. Mroz is a thought leader on regular issues of the Electricity Advisory Committee, including cybersecurity, workforce development, and infrastructure improvements in all industries.

AFFILIATIONS AND AWARDS

- Former Chair of the Critical Infrastructure Committee for the National Association of Regulatory Utility Commissioners (NARUC)
- Member of NARUC’s Subcommittee on Nuclear Issues and Nuclear Waste Disposal
- NARUC Board of Directors
- New Jersey’s Representative to the Organization of PJM States, Inc.
- Member, New Mexico State University Center for Public Utilities Advisory Council
- Member, Electric Power Research Institute (EPRI) Advisory Board

EDUCATION

- J.D., Villanova School of Law
- B.A., University of Delaware, Newark



Rep. Don Parsons
State Representative, Georgia

PROFESSIONAL EXPERIENCE

- Operations Manager, BellSouth
- First Sergeant, U.S. Army Reserve and Army National Guard

ENERGY EXPERIENCE

- Rep. Parsons was first elected to the House of Representatives in 1994. He is the chairman of the Energy, Utilities, and Telecommunications Committee. He also serves on the Health and Human Services, Appropriations, and Ways and Means committees.
- Rep. Parsons is a long-time member of the Marietta Kiwanis Club. He serves on numerous advisory boards including the Northwest Georgia Law Enforcement Academy Board, the Cobb County Library Foundation Board, the Cobb Community Service Board and the Cobb Safety Village Board. He is a Major in the Civil Air Patrol.

EDUCATION

- Bachelor's degree, West Virginia State University



Delia Patterson

**Senior Vice President of Advocacy and Communications and General Counsel,
American Public Power Association**

PROFESSIONAL EXPERIENCE

- Senior Vice President of Advocacy and Communications and General Counsel, American Public Power Association (APPA)
- General Counsel and VP, Regulatory Affairs, APPA
- Associate, Dewey & LeBoeuf LLP

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Ms. Patterson oversees APPA's regulatory, government relations, and communications functions. She helps with energy policy formulation and advocates before the Federal Energy Regulatory Commission (FERC), federal courts, and other energy policy forums. Delia heads APPA's Public Power Forward initiative to prepare member utilities for the evolving energy future.
- Before joining APPA, Ms. Patterson was a senior associate at a large law firm, where she represented energy companies in a broad range of matters before FERC and worked on energy-related project finance deals for nearly seven years.

AWARDS AND AFFILIATIONS

- Recognized by Trending 40 as one of Washington, DC's top 40 in-house lawyers for corporations and nonprofits.
- Board of Directors, Energy Bar Association
- Member, Lawrence Berkeley National Laboratory Future Electric Utility Regulation Advisory Group

EDUCATION

- J.D., Georgetown University Law Center
- M.S., Systems Engineering, Virginia Tech, Blacksburg
- Nonprofit Management Executive Certificate, Georgetown University
- B.S., United States Naval Academy, Annapolis



Darlene Phillips

**Executive Director, Operations Engineering Support
PJM Interconnection LLC**

PROFESSIONAL EXPERIENCE

- Senior Director, Operations Engineering Support, PJM Interconnection
- Director, Strategic Policy and External Affairs, PJM Interconnection
- Senior Director, Policy Issues Management, Communications, and External Training, MISO
- Manager, Energy Practice, BearingPoint Consulting
- Manager, National Energy Business Consulting Group

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Ms. Phillips leads state government policy, regulatory, and legislative efforts, and drives strategic communication efforts on key industry matters. Her previous roles with PJM include serving as director of strategic policy communications supporting PJM's regulatory, legislative, and stakeholder outreach by leading strategic communication efforts on key industry matters.
- Prior to joining PJM, Ms. Phillips was on the senior leadership team in MISO's external affairs division. Leading the issues management, corporate communications, and external training departments, she was responsible for synthesizing MISO's complex business functions and strategies for decision-makers, driving media and other outreach strategies, and leading external education efforts.

AWARDS AND AFFILIATIONS

- Licensed attorney in Indiana
- Member, Indiana State and Energy Bar Associations

EDUCATION

- J.D., cum laude, Indiana University School of Law
- M.B.A., Stephen M. Ross School of Business, University of Michigan
- B.S.E, Electrical Engineering, University of Michigan



Wanda Reder

President and Chief Executive Officer, Grid-X Partners LLC

PROFESSIONAL EXPERIENCE

- President and Chief Executive Officer, Grid-X Partners LLC
- Chief Strategy Officer, S&C Electric Company
- Vice President, Power Systems Services, S&C Electric Company
- Vice President, Engineering and System Planning and Vice President of Asset Management, Exelon Energy Delivery
- Vice President of Engineering and Planning, ComEd
- Vice President–Energy, Davies Consulting
- Started and led Ultra Power Technologies Inc.

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Has served on the Institute of Electrical and Electronics Engineers (IEEE) Power & Energy Society (PES) governing board since 2002.
- Researched the maturing workforce of the power industry to prepare a roadmap for actions to be taken. In response to Ms. Reder’s efforts, a Power & Energy Engineering Workforce Collaborative was initiated, and a career website for engineering students seeking employment in power and energy was developed.

AWARDS AND AFFILIATIONS

- President, IEEE Power & Energy Society (President-Elect in 2006 and 2007, President in 2008 and 2009, and Past President in 2010 and 2011)
- Fellow, IEEE

EDUCATION

- M.B.A., College of St. Thomas, St. Paul, MN
- B.S.A.E., South Dakota State University, Brookings



Dr. Paul Stockton
President, Paul N Stockton LLC

PROFESSIONAL EXPERIENCE

- Assistant Secretary of Defense for Homeland Defense and Americas' Security Affairs, U.S. Department of Defense
- Member, Science and Technology Committee, Battelle Energy Alliance
- Senior Fellow, The Johns Hopkins University Applied Physics Laboratory
- Member, Homeland Security Advisory Council

ENERGY EXPERIENCE

- As Assistant Secretary of Defense, Dr. Stockton was responsible for Department of Defense (DOD) initiatives to strengthen security in the Western hemisphere and help partner nations build their capacities to meet emerging security challenges. He also guided the Defense Critical Infrastructure Protection program, served as DOD's domestic crisis manager, and helped lead the Department's response to Hurricane Sandy, Deepwater Horizon, and other disasters.
- From 2010 until January 2013, Dr. Stockton served as Executive Director of the Council of Governors, where he helped governors, the National Guard, the DOD, the Department of Homeland Security, and FEMA adopt initiatives to strengthen federal–state collaboration and unity of effort. These initiatives were codified into law in the National Defense Authorization Act of 2012, Section 515.

EDUCATION

- Ph.D., Government, Harvard University
- B.A., Dartmouth College



Ramya Swaminathan
CEO, Malta Inc.

PROFESSIONAL EXPERIENCE

- CEO, Malta Inc.
- CEO, Rye Development
- Chief Operating Officer, Free Flow Power Corporation
- Director, UBS Investment Bank

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

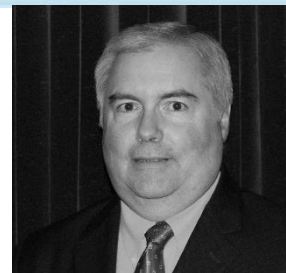
- Under her leadership, Rye Development grew to be the leading developer of new hydropower projects in the United States and its portfolio of development projects, held at its holdco affiliate, FFP New Hydro, advanced from concept through FERC licensing and late stage development financing
- She was also responsible for the expansion of Rye's platform into energy storage, with the addition of two sizable pumped hydro storage development projects in the Pacific Northwest.
- At Rye Development, Ms. Swaminathan led a multi-disciplinary team, with specialists in engineering and construction, regulatory and environmental aspects, and power marketing.
- Prior to her work in the hydropower space, Ms. Swaminathan was a public finance banker, most recently as a Director at UBS, where she focused on public power clients and senior managed more than \$10 billion in financings

AFFILIATIONS AND AWARDS

- Energy Storage Association (USA), Member
- Energy Storage Canada, Board Member
- European Association for the Storage of Energy, Member
- California Energy Storage Alliance, Member
- Business Insider, 21 Rising Starts in Clean Energy, 2020

EDUCATION

- M.P.P., Public Policy, Harvard Kennedy School
- B.A., Anthropology, Amherst College



Tom Weaver

Manager, Distribution System Planning, American Electric Power

PROFESSIONAL EXPERIENCE

- Manager, Distribution System Planning, American Electric Power (AEP)
- Various roles in Transmission and Distribution, Engineering, Metering, Communications, Customer Services, and Line Supervision, Kentucky Power Company, AEP

ENERGY OR ENERGY MANAGEMENT EXPERIENCE

- Mr. Weaver has been with AEP for 40 years. His first 23 years were at Kentucky Power Company, where he worked in T&D engineering, metering, communications, customer service, and line supervision positions. In 2000, he transferred to the AEP Service Corporation in the distribution planning function. As manager of distribution system planning, Mr. Weaver has responsibility for system planning, network planning and engineering, and grid management deployment. He has been actively involved in developing and applying deployment plans for gridSMART Technologies on the AEP distribution system since 2005.

AFFILIATIONS AND AWARDS

- Member, Institute of Electrical and Electronics Engineers
- Advisor, Distribution Programs, EPRI
- Chair, Distribution System Subcommittee, EEI

EDUCATION

- M.B.A., Morehead State University, KY
- B.S., Electrical Engineering, West Virginia University, Morgantown