



Speaker Bios

IRA, BIL, and the Future of Energy: A Summit to Support State Implementation

April 2024

Luis Aguirre-Torres

Director of Financial Planning and Analysis and Financing Solutions, NYSERDA

Dr. Luis Aguirre-Torres is the Director of Financial Planning and Analysis and Financing Solutions at the New York State Energy Research and Development Authority (NYSERDA). Prior to this role, he was a senior technical advisor at Rewiring America. He has also served as the Director of Sustainability for the City of Ithaca, where he led the design and implementation of the first city-scale electrification program in the United States. Dr. Aguirre-Torres is a member of the World Economic Forum's Senior Executive Group on Net Zero Carbon Cities and co-chair of the New York State Climate Impacts Assessment TWG for Society and Economy. He is also the former Co-Chairman of the Latin America and Caribbean Council on Renewable Energy (LAC-CORE). In 2012 and 2016 he was recognized by President Obama and the White House Office of Science and Technology for his work in sustainable innovation and climate justice in Latin America. He holds a degree in Computer Engineering, a Master's in Computer Science and a PhD in Electrical and Electronic Engineering from University College London. He also holds a Certificate in Financing and Deploying Clean Energy from Yale University, and in Systems Thinking from Cornell University.

Eric Annes

Supervisor of Technical Analysis, Connecticut Department of Energy and Environmental Protection

Eric Annes is a Supervisor of Technical Analysis with the Connecticut Department of Energy and Environmental Protection (DEEP). Eric has served as lead staff supporting the Connecticut NESCOE manager since he joined DEEP. He supervises Connecticut's annual greenhouse gas accounting and Connecticut's participation in the Regional Greenhouse Gas Initiative. Eric has also been lead staff on several of Connecticut's procurements of

clean and renewable energy. Prior to joining DEEP, Eric was a commercial litigator in Connecticut.

Abigail Anthony

Commissioner, Rhode Island Public Utilities Commission

Abigail Anthony was appointed by Governor Gina Raimondo to the Rhode Island Public Utilities Commission in 2017. Commissioner Anthony is the former Chair of the Commission on Energy Resources and the Environment of the National Association of Regulatory Utility Commissioners and the current President of the Board of the New England Utility Cybersecurity Integration Collaborative.

Arup Barat

Sr. Product Manager, Itron Inc

Arup Barat is a veteran in the Cleantech industry, with over 20 years of experience. He currently works as a Senior Product Manager at Itron's Distributed Energy Management group, where he focuses on developing EV fleet solutions for transportation electrification and EVs as DER assets for grid-edge ecosystems. Throughout his career, Arup has held various executive positions, including co-founder & CEO at Infiswift Solutions and Head of Marketing at AutoGrid. He also served as Senior Director of Product Management and Strategic Marketing at SunEdison Inc and managed a complete portfolio of value-added DER software services and solutions at SunPower Corp. Arup is a thought leader with patents in PV power electronics and contributions to IEEE standards.

Galen Barbose

Staff Scientist, Lawrence Berkeley National Laboratory

Galen Barbose is a Staff Scientist in the Energy Markets and Policy Department at Lawrence Berkeley National Laboratory. Barbose conducts research and analysis on issues in the electricity industry related to renewable energy, energy efficiency, and electric system planning. Among other activities, Barbose leads Berkeley Lab's annual Tracking the Sun report series and the annual renewable portfolio standards status report, and manages a variety of projects analyzing regulatory and policy issues associated with the growth of distributed solar. Since joining Berkeley Lab in 2001, Barbose has authored more than 100 publications and has presented his work on hundreds of occasions in a wide range of forums. Prior to Berkeley Lab, Barbose was a project engineer at Nexant and Schiller Associates, providing project management, engineering, and consulting services for utility-funded energy efficiency and other demand-side management programs. Barbose holds bachelor's degrees in mechanical engineering and philosophy from U.C.

Berkeley and U.C. Santa Cruz, respectively, and a master's degree from the Energy and Resources Group (ERG) at U.C. Berkeley.

Erin Beddingfield

Management and Program Analyst, U.S. Department of Energy

Erin Beddingfield leads engagement and outreach for the IRA Codes Program and the U.S. Department of Energy's Office of State and Community Energy Programs. She has spent over 15 years working with governments at all levels of jurisdiction, NGOs, utilities and the private sector to advance building performance in the U.S. She has worked in emissions accounting at a Fortune 500 company, in data analytics at a startup energy management firm, has supported jurisdictions in adopting and implementing policies in various leadership roles in the nonprofit sector, and now brings this expertise to Federal service to help implement the building codes provisions of the Inflation Reduction Act. Erin holds a Master of Public Policy in Science and Technology Policy from the George Mason University School of Public Policy, and Bachelor of Science degrees in Economics and Environmental Science from the University of Mary Washington. She is a LEED Accredited Professional for Building Operations and Maintenance.

Shauna Beland

Director, Energy Programs and Policy, Rhode Island Office of Energy Resources

Shauna works on a range of initiatives at the Energy Office related to renewable energy programs and policy. These include implementing solar PV, energy storage and community solar programs, ensuring renewable energy quality assurance, designing new programs to improve solar access on previously disturbed land such as brownfields and carports, and increasing solar access among low-moderate income customers. In addition, she assists with OER's workforce development and offshore wind efforts. Previously, she worked for the Renewable Energy Fund at Commerce Rhode Island and the Massachusetts Clean Energy Center. Shauna has BAs in History and International Studies from Elon University and is a Board member and Chair of the Rhode Island Chapter of New England Women in Energy and Environment.

Lori Bird

Director of US Energy Program and Polsky Chair for Renewable Energy, World Resources Institute

Lori Bird is Director of WRI's US Energy Program and the Polsky Chair for Renewable Energy. In this role, she leads a team of more than 20 specialists who work with utilities, cities and other large energy users to decarbonize the electric sector and accelerate transportation electrification. The team works to advance equitable access to clean

energy, accelerate renewable energy and electric vehicle deployment, identify policy pathways to deep decarbonization, ensure wholesale power markets enable the transition to clean energy and facilitate innovative customer and utility clean energy solutions. Prior to joining WRI, she served as a principal analyst in the Markets and Policy Group of the National Renewable Energy Laboratory (NREL), where she worked on clean energy policy, renewable energy grid integration, solar programs for low-income customers and green power markets. At NREL, she helped launch the Solar Energy Innovation Network, an \$11 million, multi-year program designed to advance cutting-edge solutions to expand solar adoption. She led or co-authored studies on the benefits and costs of renewable electricity standards and approaches to addressing the variability of renewables. She has also provided testimony and technical assistance to state agencies and international clients on clean energy policy and deployment. Over her career, she has co-authored nearly 150 publications on clean energy, including articles in academic and trade journals, such as Energy Policy, the Electricity Journal, Climate Policy, Energy & Environment and Public Utilities Fortnightly. She was also a contributing author to the IPCC Special Report on Renewables. She has been quoted or had her work cited in major media outlets, including the Wall Street Journal, Forbes, NPR, the New York Times, USA Today, and Business Week. In 2020, she was the recipient of the American Solar Energy Society's award for Leadership in Solar Policy and Market Transformation and, earlier, received the NREL Chairman's award and two President's awards for her sustained contributions on clean energy markets.

Sara Boukdad

Strategy Manager, Electric Vehicles, Con Edison

Sara Boukdad leads medium- and heavy-duty electric vehicle strategy and policy at Con Edison in order to help build the clean transportation future in New York. At Con Edison, she is focused on charging infrastructure incentive programs, proactive grid buildout for EVs, and regulatory support. Prior to Con Edison, Sara worked as a transportation planner where she focused on community engagement, infrastructure investments, and growth strategy. She holds a Bachelor's degree in environmental engineering from the University of Notre Dame and a Master's in Public Administration from Indiana University.

Vero Bourg-Meyer

Senior Project Director, Solar and Offshore Wind, Clean Energy States Alliance

Vero Bourg-Meyer (she/her) is the Senior Project Director for Solar and Offshore Wind at the Clean Energy States Alliance, where she leads CESA's work to support states' response to the IRA's Greenhouse Gas Reduction Fund opportunities and the Offshore Wind Accelerator Project. Across this portfolio, she provides technical assistance to state

energy agencies and green banks to design and launch new programs, including program documentation for states to support solar and solar+storage in low-income communities, standard plug-and-play program templates for states to deploy federal funding, guides and FAQs on a variety of topics from regulatory compliance to tax equity, and public comments to federal agencies to highlight the perspective of state agencies. Prior to CESA, Vero worked in various capacities at Yale University, including as Program Director for Clean Energy. At Yale, Vero built and managed a portfolio of clean energy programs, teams, and initiatives across the university to accelerate the financing and deployment of clean energy and build the capacity and knowledge of professional clean energy networks across the finance, policy, and technology landscape. Prior to Yale, Vero practiced law, successively at international law firms Gide Loyrette Nouel and Hogan Lovells, in their project finance teams, with a focus on the development of large-scale energy infrastructure and public-private partnerships, for governments, multilateral financial institutions, and private sector clients. Vero has advised clients on structuring roughly \$5.5 billion worth of infrastructure investments throughout Sub-Saharan Africa, North Africa, and North-East Asia. She holds a Master of Environmental Management from Yale, with an environmental policy focus, a French DESS in International Trade Law (JD equivalent) from the Montpellier Law School in France, and a joint US LL.M/Chinese certificate from Tsinghua Law School in Beijing, China. Vero is a member of the New York bar and the Paris bar.

Raphael Breit

Associate, Regulatory Assistance Project

Raphael Breit joined the Regulatory Assistance Project (RAP) in January of 2023, bringing his expertise in policy analysis and utility regulation to the U.S. team. Breit supports RAP's work on energy and environmental policy issues and delivers thought leadership on clean energy. Before joining RAP, Raphael Breit worked as a policy and research analyst at Earthworks, an environmental advocacy organization. He helped design and implement organizational efforts to reduce greenhouse gas emissions from upstream oil and natural gas facilities through stronger regulations and better regulation enforcement. He also worked as a project manager at the management consulting firm Kauffman & Associates, where he helped federal agencies and American Indian tribes enhance the reach and effectiveness of social sector organizations in the tribal community. Breit received a master's degree in public policy from George Washington University and a bachelor's degree in political science from Union College.

Melissa Cheatham

State Support Center Program Manager, State Support Center/S2 Strategies

Melissa Cheatham is the Program Manager of the State Support Center, which supports states in implementing the Inflation Reduction Act and other clean energy investments. Melissa has worked to advance the clean energy transformation in both local and federal government. She served as Professional Staff for the House Energy and Commerce Committee's Energy and Environment Subcommittee under Chairman Henry Waxman and previously worked in the Washington, DC office of the Natural Resources Defense Council. Melissa has been a champion for local climate action and is an elected City Council Member in Overland Park, Kansas, where she lives with her husband and two children.

James Clarke

Portfolio Manager (Solar for All), D.C. Sustainable Energy Utility

James provides strategic, tactical, and operational leadership for the Solar for All program at the District of Columbia Sustainable Energy Utility (DCSEU), an energy efficiency program implemented by VEIC. He directs staff and budget resources, monitors and adjusts processes, and ensures ongoing achievement of program goals. James is also responsible for establishing program evaluation practices to ensure operational efficiency and performance quality, and to drive organization-wide understanding of best practices in program delivery. James works with regulators and evaluation, measurement, and validation (EM&V) experts to implement quality assurance protocols to verify savings claims and maintain the relevancy and accuracy of program savings in the Technical Reference Manual. Prior to the DCSEU, James worked as a program manager for the District of Columbia Water and Sewer Authority, the world's largest advanced water treatment plant.

Allison Clements

Commissioner, Federal Energy Regulatory Commission

Commissioner Allison Clements joined the Federal Energy Regulatory Commission in December 2020 following a range of public and private sector experience in energy law and grid modernization policy. Prior to her current role, she worked at Energy Foundation, Goodgrid LLC, and Natural Resources Defense Council. She began her legal career in private practice at Troutman Sanders LLP and Chadbourne & Parke LLP. Over the course of her career, her clients have included utilities, independent power producers, developers, lenders, nonprofits, and philanthropies. Commissioner Clements has also served as a federal energy expert in several capacities, including as a member of a National Academies of Sciences committee on grid resilience and as a clinical visiting lecturer at Yale Law School. She holds a Bachelor of Science from the University of Michigan and a Juris Doctorate from The George Washington University Law School.

Wesley Cole

Senior Energy Analyst, National Renewable Energy Laboratory

Wesley Cole is a senior energy analyst at the National Renewable Energy Laboratory. His work focuses on long-term planning of the U.S. power system. He specializes in renewable energy integration, the role of energy storage, and the impacts of low-carbon energy futures. In 2022, Wesley was on sabbatical at the Grant Public Utility District, supporting their long-range resource planning efforts. He earned his Ph.D. at the University of Texas at Austin and his B.S. at Brigham Young University, both in chemical engineering.

Ryan Cook

Senior Manager - Innovation & Development, Energy Trust of Oregon

Ryan Cook is on the Innovation and Development team at Energy Trust of Oregon, the nonprofit implementer of ratepayer-funded efficiency and renewable energy programming in Oregon. Ryan's work focuses on opportunities to expand and leverage Energy Trust's existing programming to serve Oregon's families and businesses better and in new ways. Prior to joining the Innovation and Development team, Ryan managed Energy Trust's community solar programming, and before that worked on state and utility energy program planning as a consultant. He has a Masters in City Planning from MIT and a Bachelors in Sociology from Reed College.

Blake Cox

Co-Founder, Energy Right

Blake has a range of experience in campaigns, including data analytics, messaging, political and field operations in his part in founding Energy Right in the Commonwealth. A central Virginia native, Blake started his campaign work in central Virginia and moved to northern Virginia entering the polling industry at Public Opinion Strategies. At POS, Blake oversaw projects including local, state, and federal campaigns, as well as public affairs projects including various energy entities and healthcare companies. Blake then returned to central Virginia as a Senior Political Director on a race for Governor, and most recently was the campaign manager for a House of Delegates race in Southside Virginia. Blake serves on the Board of Directors of the South Central Virginia Business Alliance--an organization dedicated to connecting local businesses to growth opportunities in solar project construction and operation. An alumnus of Sacred Heart University, Blake studied marketing and business while playing on the men's volleyball team.

Noel Crisostomo

Physical Scientist, U.S. Department of Energy - Office of Policy

Noel Crisostomo leads transportation policy for the U.S. Department of Energy's Office of Policy. Prior to joining DOE, Noel was an Air Pollution Specialist for the California Energy Commission and a Public Utilities Regulatory Analyst for the California Public Utilities Commission. Noel holds a bachelor's and master's degree in Earth Systems from Stanford University.

Paul Denholm

Senior Research Fellow, National Renewable Energy Laboratory

Paul Denholm is a Senior Research Fellow at the National Renewable Energy Laboratory. His research focuses on examining the technical and economic impacts of large-scale deployment of renewable electricity generation, and the role of energy storage. He holds a Ph.D. in energy analysis from the University of Wisconsin-Madison.

Jeff Dennis

Deputy Director for Transmission, U.S. Department of Energy - Grid Deployment Office

Jeff Dennis is the Deputy Director for Transmission at the Grid Deployment Office (GDO). Jeff leads GDO's Transmission Division, which facilitates transmission deployment, supports robust transmission planning, and addresses transmission siting and permitting challenges to ensure grid reliability and resilience. Prior to joining GDO, Jeff was General Counsel and Managing Director at Advanced Energy Economy (now Advanced Energy United), where he co-founded and later led its programs aimed at increasing wholesale electricity market access for advanced energy technologies and transforming wholesale electricity market designs and transmission policies to support the energy transition. Under his leadership, the reach of the organization's wholesale markets, and transmission program expanded rapidly, with staff and funding more than tripling. Jeff also provided legal advice and counsel to the organization's federal and state programs and served as Corporate Secretary. Earlier in his career, Jeff spent over a decade at the Federal Energy Regulatory Commission (FERC), holding senior legal and policy positions including Director of Policy Development and Legal Advisor to Commissioner John R. Norris. He was instrumental in the development and implementation of landmark FERC rules and orders on transmission planning, transmission cost allocation, and wholesale electricity market design. He also defended FERC's decisions in the United States Courts of Appeals, arguing numerous cases before the D.C. Circuit. Jeff also has been a lawyer in private practice representing a wide range of private and public energy sector clients in proceedings before FERC, state public utility commissions, and in the courts. In addition to his work in GDO, Jeff is Chair-Elect of the American Bar Association's Section of Environment, Energy, and Resources, and serves on the Editorial Board of the Energy Law Journal, and on the faculty

of the Clean Energy Leadership Institute. He is a frequent author and speaker on topics in energy policy and law.

Sarah Duffy

Deputy Legal Counsel, Illinois Power Agency

Sarah Duffy is the Deputy Legal Counsel of the Illinois Power Agency (IPA), an independent state agency tasked with developing procurement plans and conducting energy, capacity, and renewables procurement events and developing solar energy incentive programs. Sarah joined the Agency as the Associate Legal Counsel in 2021. In this role, she aids in the development and preparation of procurement plans, particularly the biennial Long-Term Renewable Resources Procurement Plan, and any future planning processes. In addition, she serves as the legal team lead on the Illinois Solar for All program, DEI initiatives, and labor and prevailing wage issues. Prior to joining the IPA, Sarah worked in the state energy and climate policy space for over five years, most recently as the North American Government Affairs Manager for the Under2 Coalition, a global network of state and regional governments leading on climate action. She previously worked for Georgetown Climate Center and for the Emmett Institute on Climate Change and Environmental Law at the UCLA School of Law, where she was a Shapiro Fellow. Sarah holds a bachelor's degree from the Program in the Environment at the University of Michigan, Ann Arbor, where she also earned her JD.

Laura Duklewski

Managing Director Trading, Constellation

Laura Duklewski, Managing Director Trading, has been with Constellation for over 20 years. She manages the Environmental Trading team and the PJM East Power Trading team. The Environmental Trading team is responsible for the position management and Day 2 optimization of Constellations clean/renewable energy and emissions portfolios across most of the country. The PJM East Power Trading team is responsible for position management and Day 2 optimization of the PJM East (MidAtlantic) power portfolio of generation/load/transactions. Laura works closely with Constellation's product development teams to identify and create optimal voluntary clean power product offerings to meet our customers' environmental goals including CORE products, 24/7 customer solutions and EFECs. Laura has testified as an environmental market expert at NJ Senate Committee meetings, with NJ governor Christie's staff, the MA Department of Energy Resources staff meetings, MD Public Service Commission hearings and EPA staff meetings regarding environmental policies. Laura is co-founder of the Society of Women in Investment Leadership. She is a board member of the IMAGE Center of Maryland, the Environmental Markets Association, and her neighborhood community association. She

on the Markets Advisory Committee for Xpansiv and is a member of the Investment Committee for Walters Art Museum. Laura has organized 35 quarterly DEI events for the Baltimore office with an average attendance of 161 employees per event. She is a member of the Constellation PAC and the United Way Tocqueville Society. Laura graduated from Georgia Tech with a Bachelor of Chemical Engineering and received her MBA from Rice University.

Allie Garrett

Scaling Up Solar Fellow, Clean Energy States Alliance

Allie Garrett is CESA's Scaling Up Solar Fellow working to develop tools and resources useful to states that have applied to the Environmental Protection Agency's Greenhouse Gas Reduction Fund \$7 billion Solar for All Competition. Allie is a second-year Master of Environmental Management candidate at Yale School of the Environment. She studies energy policy and focuses on understanding the social and environmental impacts of the clean energy transition. Allie holds a B.S. in Sustainable Development from Appalachian State University, where she concentrated on community, regional and global development and focused geographically on Appalachia. Before she arrived at Yale School of the Environment, Allie served as a policy associate on the climate and energy team at the Nicholas Institute for Environmental Policy Solutions at Duke University. At Duke, Allie managed stakeholder processes focused on energy insecurity in the US Southeast and vehicle electrification in South Carolina. Before Duke, Allie worked for several years in environmental philanthropy, managing portfolios focused on climate and clean energy, clean air and water, environmental justice, voting rights, and good governance.

Rob Gramlich

President, Grid Strategies LLC

Rob Gramlich is President of Grid Strategies LLC, a Washington DC-based consultancy focused on transmission and power markets for a reliable, affordable, and sustainable power system. He co-founded Americans for a Clean Energy Grid, Working for Advanced Transmission Technologies (WATT Coalition), Advancing Modern Powerlines, the Macro Grid Initiative, and the Future Power Markets Forum. Rob has been invited to testify by both parties before Congress, FERC, and state agencies. He has earned awards from FERC as Exemplar of Public Service, the Energy Systems Integration Group for contributions to market design and transmission planning, The Hill Magazine for lobbying, and the American Wind Energy Association for Technical Achievement. Rob previously oversaw transmission and power market policy for the American Wind Energy Association as SVP and Interim CEO, served as Economic Advisor to FERC Chairman Pat Wood III, and was

Senior Economist at PJM Interconnection. Rob has a Master of Public Policy (MPP) degree from UC Berkeley and a BA with Honors in Economics from Colby College.

Sherrie Gruder

Sustainable Design Specialist/Energy Program Manager, UW-Madison Extension

Sherrie Gruder, LEED AP, is a Distinguished Sustainable Design Specialist and Energy Strategist with UW-Madison Division of Extension. Sherrie provides statewide education and technical assistance on sustainable community development, clean energy strategies, and green building to support the resilience and economic vitality of Wisconsin communities, local governments, tribes, and businesses. Sherrie manages the Great Lakes Environmental Justice Technical Assistance Center Program for Wisconsin to assist remote rural communities and tribes with accessing federal funding from the Inflation Reduction Act to reap the benefits of clean energy. Her research focuses on community engagement in large-scale renewable energy development on ag land.

Sara Harari

Associate Director of Innovation, Connecticut Green Bank

Sara Harari is the Associate Director of Innovation and Senior Advisor to the President & CEO at the Connecticut Green Bank. She develops and supports programs to deploy green infrastructure across Connecticut. Over the past year, she has also led internal strategy to apply for and operationalize funds awarded by the EPA through the Greenhouse Gas Reduction Fund. At the Green Bank, Sara co-chaired the Hydrogen Task Force and co-chairs the Innovation Advisory Council. She is the Green Bank representative to the Electric Automobile Purchase Rebate Advisory Board. She is a founding board member of ClimateHaven, a climatetech incubator. Previously, Sara worked at National Grid to accelerate the adoption of clean energy, with a focus on advanced control technology and ensuring equitable access. She started her career as an energy engineer at Jacobs Engineering. Sara holds an MBA from the Yale School of Management, an MEM from the Yale School of the Environment, and a BS in Civil Engineering from Tufts University.

Damali Harding

Principal and U.S. Program Director, Regulatory Assistance Project

Damali Harding is an expert in renewable energy and electric utilities. She has provided strategic advising to Duke Energy, National Grid and other major U.S. and international energy companies. Before joining RAP, she worked for Oracle (formerly Opower), where she advised utilities on behavioral load shaping, customer engagement strategies and demand response management. Previously, Harding served as executive director of The Energy Co-op, a member-owned nonprofit cooperative that provides renewable energy to

thousands of homes and businesses in the greater Philadelphia area. She remains on the board of the cooperative. Damali Harding also served as commercial director for Enviva LP, the world's largest producer of industrial biomass to create clean renewable energy. She has also worked for IBM Global Business Management services and Deloitte Consulting as a strategy consultant focusing on operations. Damali Harding is on the board of the American Association of Blacks in Energy and is a member of Women of Renewable Industries and Sustainable Energy. She is in frequent demand for speaking engagements on energy topics as well as strategic management, leadership development and community building.

Adam Hasz

Implementation Advisor, Home Energy Rebate Programs, U.S. Department of Energy

Adam Hasz is an implementation advisor for the IRA Home Energy Rebates Program within the U.S. Department of Energy's Office of State and Community Energy Programs. In this role, Adam is supporting States, Territories, and Tribes to apply for \$8.8 billion in funding that will be used for home efficiency and electrification upgrades. Adam previously worked in the Building Technologies Office at DOE where he developed the Advanced Building Construction initiative and the Buildings Upgrade Prize. Adam joined DOE as a science and technology policy fellow in 2018 and holds a master's degree in urban planning from MIT.

Alfred Johnson

CEO and Co-Founder, Crux

Alfred I. Johnson is Co-Founder and CEO of Crux Climate – the platform for transferable clean energy tax credits backed by Andreessen Horowitz and Lowercarbon. From 2021-2022, Alfred served as Deputy Chief of Staff to Secretary Janet Yellen at the US Department of the Treasury where he was responsible for work related to digital assets, cybersecurity and technology, pandemic response, and the operational management of the 80,000+ person Department. Prior to Treasury, Alfred was Co-Founder and CEO of Mobilize, the events management platform and network acquired by EveryAction in 2020. Prior to founding Mobilize, Alfred was Head of Sales & People at Clara Lending and Vice President in BlackRock's Financial Markets Advisory Group, where he worked on projects related to financial regulation, structured finance, and the European Sovereign Debt Crisis. From 2009-2012, Alfred served in the Obama Administration as Special Assistant to the White House Chief of Staff, Senior Advisor to the Treasury Assistant Secretary for Financial Markets at the U.S. Treasury Department, and Special Assistant on the Financial Crisis Response Team. He started his career as a Regional Field Director for Barack Obama's 2008 campaign for President. Alfred is a Term Member of the Council on Foreign Relations; Member of the National Advisory Council for the Stanford Center on Longevity and

Stanford in Washington; and Co-Chair of the Robert S. Brookings Society. Alfred is a graduate of the Stanford Graduate School of Business and Stanford University, where he played Defensive End on the Varsity Football Team. He lives in Washington DC with his wife, Dr. Emily Watts, and their two children.

Maddie Koewler

Program Director, NASEO

Maddie Koewler supports NASEO's buildings program, where she provides assistance to state energy offices and works on the development of building energy codes, residential energy labels, and equity in the proliferation of clean energy and energy efficiency. Prior to NASEO, Ms. Koewler worked at the U.S. Department of Energy's Building Technologies Office within the Office of Energy Efficiency and Renewable Energy implementing residential energy efficiency programs. Ms. Koewler has a Bachelor of Arts in political science and economics from Kent State University.

Louie Krak

Infrastructure Coordinator, Pennsylvania Governor's Office of Critical Investments

Louie Krak is an Energy Infrastructure Coordinator with Governor Shapiro's Office of Critical Investments and is responsible for maximizing federal funding opportunities to drive forward transformative projects across Pennsylvania. Louie obtained a Bachelor of Arts in Geography and a Master of Science in Environmental Studies from Southern Connecticut State University before moving to Harrisburg to pursue a career in public service. Louie transitioned into public sector life in the Pennsylvania Department of Agriculture's Bureau of Farmland Preservation, helping to preserve over 1,200 acres of prime farmland, including the berry farm in his hometown where he worked as a young adult. Louie felt drawn to explore the work at the Pennsylvania Department of Environmental Protection, where he served as an Executive Policy Specialist focusing on air, energy, and climate change policy. This invaluable policy experience prepared Louie to step into his current role, where he works strategically with programs across the Department to maximize the historic federal funding opportunities available through the Infrastructure Investment and Jobs Act and the Inflation Reduction Act to catalyze clean energy deployment, remediate legacy pollution, and rectify environmental injustices and inequities.

Jared Langevin

Research Scientist, Lawrence Berkeley National Laboratory

Jared Langevin is a Research Scientist at Lawrence Berkeley National Laboratory, where he leads modeling of U.S. buildings sector decarbonization and its implications for future

energy demand, consumer costs, and the power grid. He co-authored the national Blueprint for U.S. building decarbonization while serving as a strategic advisor to the U.S. Department of Energy's (DOE) Deputy Assistant Secretary for Buildings and Industry. Jared was also previously a Science and Technology Policy Fellow at DOE, where he co-created the Scout program for national buildings sector impact analysis. Jared holds a Ph.D. in Architectural Engineering from Drexel University and a Bachelor's degree in Architecture from Carnegie Mellon University, and he is deeply committed to improving the quality and sustainability of the built environment.

Taresa Lawrence

Director of State, Local, Tribal and Territorial Policy, U.S. Department of Energy - Office of Policy

As the Director of State, Local, Tribal and Territorial Policy in the U.S. Department of Energy Office of Policy, Dr. Taresa Lawrence leads a team that develops policies and strategies for states, local governments, tribal nations, and territories to help advance climate goals. The team also prioritizes community-driven action plans to support the transition to a clean, resilient, and equitable energy economy. Prior to joining DOE, Dr. Lawrence served as Deputy Director of the District of Columbia Department of Energy and Environment, where she developed and implemented clean energy and climate plans, policies, and programs for all end-use sectors. She previously served as a Regulatory Economist at the Maryland Public Service Commission, and Center Director of the Small Business Development Center at the Howard University Center for Urban Progress. Dr. Lawrence holds a Ph.D. in Economics from Howard University, and a master's in Economics from University of Manchester, England.

Hilary Lefko

Partner, Norton Rose Fulbright

Hilary Lefko is a Partner at Norton Rose Fulbright's Washington, DC office. She focuses her practice on all areas of federal income tax law, with a particular emphasis on renewable energy and project finance tax issues. She represents developers, lenders and investors in various energy and renewable energy projects, including transactions involving section 45 production tax credits, section 48 investment tax credits and other renewable energy incentives. Most recently, Hilary has been advising clients on the impact of the Inflation Reduction Act of 2022. Hilary frequently represents purchasers and sellers of renewable energy projects. Hilary regularly advises buyers, sellers, brokers and lenders on transferability. She also advises non-US businesses of US companies, offshore funds and multinationals on tax aspects of domestic and international project finance and a variety of

US inbound international business transactions. Earlier in her career, Hilary served as an aide to Senator Joseph I. Lieberman and to Congressman Cal Dooley.

Ward Lenz

Deputy Director of State Energy Programs, U.S. Department of Energy

With nearly 30 years of experience in clean energy development, Ward Lenz brings a range of background and expertise to the U.S. Department of Energy. Ward started his energy career at the Iowa State Energy Office and also served as Energy Division (State Energy Office) Director for North Carolina during the American Recovery and Reinvestment Act years; where he ran an 80-person division to implement the State Energy Program and Weatherization Assistance Program. In addition to working in state energy offices, Ward has worked with several energy non-profits, most recently as Executive Director of the North Carolina Sustainable Energy Association, a membership association focused on policy advocacy in legislative and regulatory arenas. Whether in the public or private sector, Ward works to foster partner collaboration in an effort to find appropriate value propositions for energy consumers and producers. Ward strives to find methods to improve the human condition through economic development and environmental sustainability.

Warren Leon

Executive Director, Clean Energy States Alliance

Warren Leon is Executive Director of the Clean Energy States Alliance. He oversees the organization's day-to-day operations and leads strategy development. He is also Project Director for the 100% Clean Energy Collaborative. He has written and edited many reports for CESA, including serving as lead author for "Advice for States on 100% Clean Energy Planning" and "Solar with Justice: Strategies for Powering Up Under-Resourced Communities and Growing an Inclusive Solar Market." Prior to working for CESA, Warren was Director of the Massachusetts Renewable Energy Trust, Executive Director of the Northeast Sustainable Energy Association, and Deputy Director for Programs at the Union of Concerned Scientists. He co-authored the influential book *The Consumer's Guide to Effective Environmental Choices*. He holds a Ph.D. from Harvard University. He serves on the board of the municipal utility in his hometown of Concord, Massachusetts.

Emily Levin

Senior Policy Advisor, NESCAUM

Emily Levin is a Senior Policy Advisor at NESCAUM (Northeast States for Coordinated Air Use Management), an association of state air quality agencies that catalyzes, guides, and supports state initiatives to improve air quality and address climate change. She leads

NESCAUM's Building Electrification Initiative, working with states to accelerate the transition to zero-emission buildings. Emily previously worked at VEIC for 15 years, where she designed and advised on building decarbonization and energy efficiency programs in multiple states and helped launch the TECH Clean California initiative to advance statewide adoption of clean space and water heating. Emily also serves on the Building Performance Association Board of Directors and Executive Committee. She has a Master of Environmental Management from Yale School of Environment and a B.A. from Amherst College.

Jeremy Lewis

Deputy Director, New Mexico State Energy Office

Jeremy Lewis serves as the Deputy Director for the New Mexico State Energy Office housed at the New Mexico Energy Minerals and Natural Resources Department's Energy Conservation and Management Division. From 2019 to 2023, Jeremy was the Office of Renewable Energy Director at the New Mexico State Land Office where he launched the newly created Renewable Energy Office to lease state trust land for renewable energy projects. He guided the State Land Office's growth to their one-gigawatt portfolio of wind and solar leases. Prior to 2019, Jeremy was Planning Bureau Chief for the New Mexico Energy Conservation and Management Division, where for ten years he served to forward programs, policies, projects, and education on renewable energy, energy efficiency, and alternative fuels/transportation. He has worked as a transmission policy analyst with Western Resource Advocates to increase renewable energy access to the grid; with the Rocky Mountain Youth Corps to forward positive youth development and conservation in Northern New Mexico; and as a Peace Corps Volunteer to expand sustainable agriculture in Cameroon, West Africa. He has a Bachelor of Science degree from the University of Massachusetts and a Masters of Community and Regional Planning degree from the University of New Mexico.

Eric Lockhart

Group Manager, National Renewable Energy Laboratory

Eric leads the Integrated Decision Support group at NREL. He and his team lead complex energy projects and programs that require strategy development, analytics, and technical decision making. Eric is also the principal investigator for the Solar Energy Innovation Network (SEIN), which is a project focused on novel applications of solar and storage in domestic settings. His current work through SEIN is focused on equitable adoption of solar in underserved communities. In addition, Eric is leading NREL's energy justice efforts, which includes strategy development and coordination to support NREL in embedding equity throughout its broad portfolio of applied research.

Jeffrey Loiter

Technical Director, NARUC

Jeff Loiter is a Technical Director in the Center for Partnerships & Innovation at NARUC where he oversees CPI's energy distribution research portfolio, including smart grid and grid modernization, distributed energy resources integration and interconnection, virtual power plants, and related issues in ratemaking and utility business models. Prior to joining NARUC Jeff held positions as a Principal Researcher at the National Regulatory Research Institute and as a Partner at Optimal Energy, Inc. (now NV5), providing utility and public sector customers with DSM program design and implementation guidance. In total, he has 25 years of experience in energy, environmental, and economic consulting for both private and public sector clients. Jeff holds a Bachelor's degree in Civil and Environmental Engineering from Cornell and a Master's of Technology and Policy from the Massachusetts Institute of Technology.

Keith Martin

Co-Head of Projects, United States, Norton Rose Fulbright

Keith Martin is a deal lawyer whose principal areas of practice are tax and project finance. He acted for 258 companies last year. He also lobbies Congress and the Treasury Department on policy issues. The prestigious Chambers directory has called him a "preeminent authority on tax structurings in the US" and gives him its sole "star" ranking among US renewable energy lawyers. Keith is a member of the District of Columbia Bar and the New York State Bar.

Joyce McLaren

Senior Market Analyst, NREL

Dr. Joyce McLaren is a Senior Market Research Analyst at the National Renewable Energy Laboratory. Since joining NREL in 2009, she has designed and led analyses related to solar, battery storage, grid integration, electric transportation, demand response, rate design and utility programs. She provides technical assistance to state regulatory agencies, energy offices, utilities, municipalities, universities, and non-profit organizations. Joyce enjoys working with external partners to clarify needs and priorities and identify cost-effective options that suit each context. She draws on the wide variety of tools, databases, and resources to investigate cutting edge research questions and translate findings into action. Joyce holds a PhD in Science and Technology Policy from the University of Sussex in the UK and is a two-time Fulbright Scholar.

Brandon McMurtry

Physical Scientist, U.S. Department of Energy

Brandon McMurtry is a Physical Scientist in the U.S. Department of Energy Office of Policy where he supports implementation of incentives in the Inflation Reduction Act and tracks U.S. progress towards its climate and clean energy goals. Prior to joining DOE, Brandon worked as an AAAS Science & Technology Policy Fellow on energy and climate topics for U.S. Senator Chris Coons. Brandon holds a PhD in Chemistry from Columbia University where he studied the synthesis of energy-relevant materials. Brandon was born and raised in Honolulu, HI and is a proud graduate of the University of Hawai'i at Mānoa.

Maureen McNamara

ENERGY STAR Utility and State Partnerships Lead, U.S. Environmental Protection Agency

Maureen McNamara leads EPA's efforts to maximize ENERGY STAR partnerships with states, utilities, and regional market transformation groups that administer publicly funded energy efficiency programs and environmental education campaigns. Today, about 840 program administrators serving 95% of U.S. households partner with EPA to bring ENERGY STAR products and services to market. She is also a frequent author and contributor to federally-lead efforts to advance energy efficiency as an electric system and environmental resource and has been recognized for superior accomplishment in support of the National Action Plan for Energy Efficiency, the Clean Energy-Environment Guide to Action, and the Clean Power Plan. Maureen has served on several industry related advisory groups including the E-Source Demand Side Management Executive Advisory Council, the International Energy Program Evaluation Planning Committee, the EPRI Energy Efficiency/Grid Modernization Public Advisory Group, and as a special advisor to the AESP and Consortium for Energy Efficiency boards.

Maggie Molina

Executive Director, Northeast Energy Efficiency Partnerships

Maggie Molina joined NEEP as Executive Director in Fall 2023. She is a nationally recognized energy efficiency leader with experience advancing climate and clean energy policies and programs in government and the nonprofit sector. From 2020-23, she served as Branch Chief of the State and Local Climate and Energy Program at the U.S. Environmental Protection Agency (EPA). The program helps state, local, and tribal governments analyze emissions and health benefits of clean energy and develop best-practice energy programs that reduce emissions and promote energy justice. Prior to that, Maggie served as Senior Director for Policy at the American Council for an Energy-Efficient Economy (ACEEE), where she led policy, research, and strategy for federal, state, and local policymakers and utilities. She spent 15 years in various posts at ACEEE and served on its senior management team. She led numerous initiatives and research including the State and City Efficiency Scorecards, utility business models, cost of saved energy, energy

efficiency potential studies, and best-practice efficiency and building electrification program design. Maggie holds a Bachelor of Arts from Colgate University and a Master of Engineering and Public Policy from the University of Maryland.

Tina Moroney-Ebarb

Federal Programs Coordinator, Massachusetts Department of Energy Resources

Caitlin Murphy

Senior Energy Analyst, National Renewable Energy Laboratory

Caitlin Murphy is a Group Manager and Senior Analyst in the National Renewable Energy Laboratory's (NREL's) Strategic Energy Analysis Center. Her research interests involve evaluating how energy policies and technology innovation impact the evolution, operation, and environmental impacts of the U.S. energy system. Caitlin's research centers on renewable-based hybrid energy systems, including the economic, reliability, and operational impacts of coupling utility-scale renewable energy and energy storage technologies. In the wake of the Inflation Reduction Act, Caitlin is also exploring the potential impacts of new and expanded incentives for clean electricity generation projects, customer adoption of electric end-use technologies, domestic manufacturing of clean energy technologies, and decarbonization of the U.S. industrial sector. Prior to joining NREL, Caitlin served for 3 years as a Science & Technology Policy Fellow in the U.S. Senate and U.S. Department of Energy. Caitlin received her B.S. in Earth Science from the Massachusetts Institute of Technology, and her Ph.D. in Geophysics from the California Institute of Technology.

Galen Nelson

Chief Program Officer, Massachusetts Clean Energy Center

Galen is the Senior Director of Innovation and Industry Support at the Massachusetts Clean Energy Center where he leads a team focused on providing targeted, strategic, and timely resources to help clean energy companies and entrepreneurs develop technologies, move closer to commercialization and market growth. Galen focuses primarily on emerging markets including microgrids, energy storage, grid edge technologies, and energy resilience. Prior to joining the MassCEC, Galen led clean energy business development efforts at the City of Boston. Galen has over 10 years' experience developing programs and policies at the city and state level often at the intersection of urban planning, economic development, and clean energy. He holds a Bachelor of Arts from Colby College.

Carrie Nelson

Policy Analyst, U.S. Department of Energy

Carrie Nelson has worked on energy efficiency for 15 years, primarily through implementing programs for energy efficiency in low-income households. She also has eight years of experience conducting planning and evaluation for energy efficiency technologies and currently works on policy related to tribes, territories, rural and underserved communities. She lives in Portland, Ore., with her partner and two children.

Ben Paulos

Senior Research Associate, Clean Energy States Alliance; Principal, PaulosAnalysis

Bentham Paulos is the principal of PaulosAnalysis, providing consulting on energy policy, advocacy, communications, and research. Clients have included government agencies, non-profits, foundations, research and consulting firms, trade associations, and media. Paulos works as Senior Research Associate with the Clean Energy States Alliance and as an Affiliate in the Electricity Markets & Policy Group at Lawrence Berkeley National Lab. He serves on the board of Solar United Neighbors.

Alisa Petersen

Federal Policy Manager, RMI

Alisa is a manager on RMI's federal policy team handling our buildings, transportation, and electricity portfolio. Her focus over the last two years has been working with policymakers to encourage impactful design of IRA before and after it passed. Her background is in building engineering, where she focused on breaking down policy and market barriers using technoeconomic analysis.

Jacqueline Piero

Head of Policy and Regulation, The Mobility House

Jacqueline has worked for more than a decade reframing electric vehicles as Distributed Energy Resources in regulatory and market spaces. She has a Master's Degree from the University of Delaware, where she worked with ISOs and utilities to consider how some of the first Vehicle-to-Grid prototypes could be integrated into existing energy and ancillary services markets. She joined The Mobility House in 2022 to help streamline use of EV automated load management technologies in the United States to mitigate the need for infrastructure upgrades as EV market share increases.

Autumn Proudlove

Associate Director - Policy & Markets, NC Clean Energy Technology Center

Autumn Proudlove is the Associate Director of Policy and Markets at the NC Clean Energy Technology Center. Autumn leads the Center's Energy Policy team and provides strategic direction on policy and market issues across the Center. Autumn oversees the policy

team's portfolio of activities and directly manages its client-focused research services and publications, including the 50 States of Solar, 50 States of Grid Modernization, and 50 States of Electric Vehicles quarterly policy tracking reports. Autumn is currently a member of the National Academies of Sciences, Engineering, and Medicine committee on the role of net metering in the evolving electricity system and previously served as Principal Investigator for the Center's work on the U.S. Department of Energy's SunShot Solar Outreach Partnership. Autumn received her Master's degree in Energy Regulation and Law, summa cum laude, from Vermont Law School and her Bachelor's degree from Dartmouth College.

Joe Rand

Energy Policy Researcher, Lawrence Berkeley National Laboratory

Joe is an Energy Policy Researcher in the Energy Markets and Policy Department at Lawrence Berkeley National Laboratory. Joe conducts research and analysis on renewable energy, including: renewable energy policy, cost, and market analysis; spatial data analysis; and leads research related to social impacts and perceptions, interconnection, and deployment barriers of renewable energy. Joe's impactful research has been widely covered in the popular press, including the New York Times, the Wall Street Journal, Washington Post, NPR, and more. He was awarded the Berkeley Lab Director's Award for Societal Impact, an "Excellence Award" from the Energy Systems Integration Group (ESIG), the Switzer Environmental Fellowship, and the 'Novus Ventus' award from the U.S. Department of Energy's Wind Power Program.

Emily Reichert

CEO, Massachusetts Clean Energy Center

As Chief Executive Officer of the Massachusetts Clean Energy Center, Dr. Emily Reichert leads MassCEC's efforts to build a robust, internationally competitive clean energy economy in Massachusetts. Before joining MassCEC in 2023, Emily served as CEO of Greentown Labs, the largest climatetech startup incubator in North America, for nearly a decade. As the organization's first employee and CEO, Emily spearheaded the rapid growth of Greentown Labs into a global center for climate technology innovation, based in Somerville, Massachusetts. Under her leadership, the organization grew from a grassroots group of startups sharing space in a warehouse in South Boston to a nationally and internationally recognized organization with operations in Massachusetts and Texas. Over her tenure, Greentown incubated hundreds of cutting edge climatetech startups who have raised more than \$2 billion and created thousands of jobs in Massachusetts. Emily started her career at Arthur D. Little as a Ph.D. scientist and progressed into R&D, business development and general management roles. Prior to Greentown Labs, she was the

Director of Business Operations at the Warner Babcock Institute for Green Chemistry. Emily has been appointed to the Massachusetts Governor's Economic Development Planning Council, the Massachusetts Advanced Manufacturing Collaborative, the U.S. Secretary of Commerce's National Advisory Council on Innovation and Entrepreneurship and the World Economic Forum's Global Future Council on Advanced Energy Technologies. She currently serves as an Ambassador for the U.S. Department of Energy's Clean Energy Education and Empowerment (C3E) Initiative focused on promoting women leaders in the clean energy field. She holds a Ph.D. in Physical Chemistry from the University of Wisconsin-Madison and earned her MBA from MIT Sloan School of Management.

Hans Riemer

Senior Consultant, U.S. Department of Energy - Loan Programs Office

Hans Riemer is a senior consultant to the US Department of Energy's Loan Programs Office (LPO), where he leads the state and local engagement team and is working with government and private sector leaders to finance a wide array of clean energy projects. Prior to joining LPO, Hans served for 12 years as an elected official in Montgomery County, Maryland, where he passed numerous energy and climate laws including all-electric building codes, solar zoning reforms, building energy performance standards, and smart growth incentives.

Kate Ringness

Chief Strategist/Senior Advisor, U.S. Department of Energy

Kate Ringness, Chief Strategist in the Office of Energy Jobs, works on Secretarial priorities and other Department-wide issues, including developing a clean energy workforce industrial strategy, creating and supporting quality jobs in clean energy, and implementing community benefit plans through the Department's financial awards. Prior to joining the Department of Energy, Kate's experience in policy, law, and finance informed her work designing multifaceted energy efficiency and clean energy solutions for communities of all sizes and demographics. She also has worked extensively developing state-based roadmaps for economic development in clean energy industries. Kate earned J.D. and LL.M. degrees from Duke University and an MPP from UC Berkeley.

Yesenia Rivera

Executive Director, Energy Allies

As Executive Director of Energy Allies, Yesenia Rivera ensures the voices of communities most impacted by climate change lead our equitable energy transition. She has been a community organizer from the start of her career, working alongside climate-impacted

communities with a passion for energy justice. Yesenia has a B.S. in Biology from the University of Puerto Rico in Cayey and a J.D. from the University of the District of Columbia-David A. Clarke School of Law. As a tenant organizer at the Latino Economic Development Center, she worked with tenants across Washington, DC and helped them assert their rights under DC law. Her experience growing up in Puerto Rico and first-hand knowledge of energy insecurities led her to work in solar adoption and eliminate barriers faced when accessing clean and affordable energy. Over the past four years, she has become a subject matter expert in Energy Democracy and Energy Equity issues, including co-chairing the Energy Democracy Project's People's Utility Justice Playbook. She's also an outspoken advocate for a just transition and eliminating barriers to clean energy.

Kara Salazar

Assistant Program Leader for Community Development, Purdue Extension & Sustainable Communities Extension; Specialist, Illinois – Indiana Sea Grant Purdue University Extension / IL-IN Sea Grant

Dr. Kara Salazar is Assistant Program Leader for Community Development with Purdue Extension and Sustainable Communities Extension Specialist, affiliated with Illinois-Indiana Sea Grant and the Purdue University Department of Forestry and Natural Resources. Dr. Salazar has a Ph.D. in natural resources social science from Purdue University, bachelor's and master's degrees from Indiana University, and is a member of the American Institute of Certified Planners. Working with multidisciplinary teams, Dr. Salazar oversees program development, delivery, and evaluation to support environmental planning, community development, and sustainable development strategies in communities across Indiana and Great Lakes states. Program efforts emphasize collaborative planning and facilitated inclusive community forums using data and visualization tools to explore policy and management interventions that address complex natural resource management and land use issues. Areas of focus include community resilience, green infrastructure, hazard mitigation, parks and public spaces, renewable energy, and environmental and social justice issues.

Elizabeth Salerno

Economist, Federal Energy Regulatory Commission - Office of Energy Policy

Liz has more than 17 years of experience in the energy industry across the private, non-profit, and Federal government sectors. Liz currently serves as an Economist in FERC's Office of Energy Policy and Innovation working on the Commission's major initiatives on transmission and interconnection matters. Previously, Liz served as former Chairman Rich Glick's Lead of Transmission and Technology Initiatives to drive the Chairman's priorities on transmission, interconnection, and eliminating barrier to new technologies. Her work

included launching the first-of-a-kind Joint Federal-State Task Force on transmission with NARUC in 2021. She also led the efforts to issue the Notice of Proposed Rulemakings on Regional Transmission Planning as well as Interconnection Reforms for the Chairman. She joined FERC in 2018 as part of then-Commissioner Rich Glick's team and served as his technical advisor focusing on central and western markets and issues related to energy storage and distributed energy resources. Prior to her time at FERC, Liz was the Global Head of Strategy for the Wind Energy Service group at Siemens and SiemensGamesa. She also spent time in policy roles in the wind turbine and gas turbine divisions of Siemens. Prior to Siemens, Liz was the head of industry data and policy analysis at the American Wind Energy Association (now American Clean Power Association) leading the trade association's research and analysis agenda.

Dani Salyer

Project Manager and Principal Investigator, NREL EERE-Strategic Analysis Program, National Renewable Energy Laboratory

Dani is a project manager and principal investigator at the National Renewable Energy Laboratory (NREL). Her work focuses on opportunities to expand energy equity and environmental justice (EEJ) capabilities to help DOE integrate EEJ analysis into program design. She also provides program development support to the director of NREL's EERE-Strategic Analysis Office portfolio. Prior to joining NREL, Dani worked to advance the clean energy transformation via business development and sales for technology start-up companies, and as program support for the statewide energy efficiency program, Hawaii Energy. As a volunteer, she served as the Larimer County campaign coordinator in the statewide initiative to pass Amendment 37: The Colorado Renewable Energy Standard, in which Colorado became the first state in the Union to pass a renewable portfolio standard at the ballot box. Dani has a bachelor's in interdisciplinary studies from Radford University.

Sam Schacht

Project Manager, Clean Energy States Alliance

Sam Schacht is a CESA Project Manager, working on the Offshore Wind Accelerator and 100% Clean Energy Collaborative projects. He is deeply interested in issues around clean power and environmental justice. Previously, Sam worked at Groundswell, a solar developer based in Washington, DC, where he managed subscriber engagement and support for Groundswell's community solar projects and the DC Department of Energy and Environment's Solar for All program. He worked with a wide range of government offices, community-based organizations, and individuals committed to equitable clean power. He holds a bachelor's degree in History from the University of Rochester, with minors in Sustainability, Anthropology, and German. Beyond CESA, Sam is involved in the Fix the

Grid campaign, working to speed up the transition of New England's grid to clean power. Outside of work, Sam loves reading, hiking, and all things soccer. He supports Arsenal in the English Premier League.

Anna Schleifer

Researcher, National Renewable Energy Laboratory

Anna Schleifer is a researcher in the Grid Planning and Analysis Center at the National Renewable Energy Laboratory, where she works in long-term modeling of the U.S. power system. Anna's research focuses on the role of utility-scale storage and hybrid energy systems in grids with high shares of variable renewable electricity generation. She earned her Ph.D. at the University of Texas at Austin and her B.S. at Clemson University, both in mechanical engineering.

Jigar Shah

Director, Loan Programs Office, U.S. Department of Energy

As Director for the U.S. Department of Energy's Loan Programs Office, Jigar Shah leads and directs the organization's considerable loan authority within manufacturing, innovative project finance, and tribal energy. With more than 25 years of experience in clean energy, he is an expert in project finance, clean technology, and entrepreneurship, as well as a visionary leader and innovator in the field of sustainable infrastructure. Prior to joining DOE, Shah co-founded and served as President of Generate Capital, the leading investment and operating platform for distributed energy storage, microgrids, fuel cells, electric vehicles, and organic waste management. He also founded SunEdison, a company that pioneered "pay as you save" solar financing, and served as the founding CEO of the Carbon War Room, a global non-profit founded by Sir Richard Branson to help entrepreneurs address climate change. Originally from Illinois, Shah holds a B.S. from the University of Illinois-UC and an MBA from the University of Maryland College Park.

Kathleen Spees

Principal, The Brattle Group

Dr. Kathleen Spees is a Principal at Brattle with expertise in environmental policy and wholesale electricity market design, economic analysis, and modeling. For RTO market operators she supports implementation and development of wholesale markets including energy, ancillary services, capacity, financial transmission rights, clean energy attribute markets, and integration of emerging technologies. She supports regulators, NGOs, utilities and wholesale market operators to develop GHG emissions accounting frameworks, conduct impact analysis, and assess benefits/costs in the context of policy reforms for clean energy transition. Dr. Spees earned her PhD in Engineering and Public

Policy and her MS in Electrical and Computer Engineering from Carnegie Mellon University. She earned her BS in Physics and Mechanical Engineering from Iowa State University.

Jason Stanek

Executive Director, PJM Interconnection

Jason M. Stanek is the Executive Director for Governmental Services at PJM Interconnection, LLC. He most recently served as Chairman of the Maryland Public Service Commission from 2018 to 2023. Before that, he was Senior Counsel to the Energy Subcommittee of the U.S. House of Representatives' Committee on Energy and Commerce where he advised on matters involving national energy policy, with specific focus on electricity issues and the operations of the regional power markets. He also served in senior positions at FERC, advising both a Chairman and Commissioner. Jason received a law degree from the State University of New York at Buffalo and a bachelor's degree from Tulane University. He also completed studies at American University and the University of North Carolina at Chapel Hill.

Kirsten Stasio

CEO, Nevada Clean Energy Fund

Kirsten Stasio is CEO of the Nevada Clean Energy Fund (NCEF), a nonprofit organization that supports a thriving, affordable, and accessible clean energy economy by providing financing and technical resources to Nevadans. NCEF's current programs include school bus electrification, home energy upgrades, commercial building energy upgrades, and clean energy for affordable housing. As the state's green bank, NCEF is also Nevada's applicant for the Environmental Protection Agency's Solar for All program. Kirsten has over a decade of clean energy experience across the investment, policy, education, and start-up sectors. Before joining NCEF, Kirsten worked at MAP Energy, a private energy investment firm, where she scaled investments in renewable energy projects across the US. Her early career began in Washington DC at the World Resources Institute (WRI) where she worked with policymakers around the world to implement ambitious climate and energy policies. In her free time, Kirsten serves as an Adjunct Lecturer at Stanford University where she teaches a course on energy and sustainability to over 200 students each year. She holds an MBA and an MS degree from Stanford University and a BA from the University of California, Davis.

David Tancabel

Senior Utility Policy Analyst, U.S. Environmental Protection Agency

David Tancabel is with the EPA's State and Local Climate and Energy Program, which develops technical and policy analysis to support state and local governments as they

implement and assess energy policies. David's work focuses on utility policy and state utility regulation. Prior to joining the EPA, David served as the Director of the Maryland Power Plant Research Program, where he worked closely with project developers, utilities, and the Maryland Public Service Commission. David started his career in the US Navy, completing the Navy's nuclear power training pipeline and serving as a Submarine Warfare Officer. David holds a Bachelor of Science in Economics and Finance from Boston College, a Master of Science in Applied Economics from Johns Hopkins University, and a Master of Energy Regulation and Law at Vermont Law School.

Raphael Tisch

Senior Advisor - Siting and Permitting, Lindahl Reed, Inc.

Raphael Tisch is a consultant with Lindal Reed, Inc. currently serving as Senior Advisor to the Deputy Assistant Secretary for Renewable Energy on Siting and Permitting. Raphael has supported the Department of Energy in various program management support roles since 2009, primarily focusing on addressing wind-wildlife impacts and human-use siting challenges. He holds a Master's in Public Administration in Environmental Science & Policy from Columbia University's School of International and Public Affairs, and has a BA in Environmental Studies and Energy Policy from the City University of New York, Hunter College.

Elisah VandenBussche

Policy Analyst, U.S. Department of Energy - Office of Policy

Elisah VandenBussche is a Policy Analyst in the DOE Office of Policy. She supports the State, Local, Tribal, and Territorial Policy team on work related to Tribal energy sovereignty, climate resilience and advancing state and local clean energy goals. Prior to DOE, Elisah worked for Congressman Paul Tonko (NY-20) on the climate and energy portfolio. Elisah holds bachelor's degrees in chemical engineering and violin performance from Case Western Reserve University and a PhD in chemical engineering from the University of Minnesota.

Kirsten Verclas

Senior Managing Director, NASEO

Kirsten Verclas leads NASEO's electricity program, which informs and educates the states on issues related to generation, transmission, and distribution, and NASEO's energy security program, focused on resilience, energy security planning, and cybersecurity. Prior to NASEO, Ms. Verclas was an ORISE Science and Technology Policy Fellow at the U.S. Department of Energy, where she worked on clean energy, state and local energy policy, cybersecurity issues and emergency response. She also served as a Program Manager in

the International Department of the National Association of Regulatory Utility Commissioners (NARUC) working on regulatory partnerships in Africa, as well as a Senior Program Manager at the American Institute for Contemporary German Studies (AICGS) at Johns Hopkins University. Ms. Verclas has written extensively on energy and climate as well as security policy in the transatlantic context. She holds a Bachelor of Arts in International Relations from Franklin and Marshall College, a Master of Arts in International Relations from The George Washington University, and a Master of Science in Energy Policy and Climate from Johns Hopkins University.

Olivia Wein

Senior Attorney, National Consumer Law Center

Olivia Wein is a senior attorney at the National Consumer Law Center (NCLC), having represented consumers for over 20 years. NCLC is a non-profit using consumer law to promote economic security for low-income, disadvantaged people. Ms. Wein's work protects low-income consumers' access to essential utility services. She works on funding and implementation of the Low-Income Household Water Affordability Program (LIHWAP), Low Income Home Energy Assistance Program (LIHEAP), Weatherization Assistance Program (WAP), Lifeline and the Affordable Connectivity Program. She intervenes in utility commission proceedings in matters affecting low-income utility consumer programs. Ms. Wein co-authored the fifth edition of NCLC's manual, Access to Utility Service, and The Rights of Utility Consumers, and the Water Affordability Advocacy Toolkit and Protecting Seriously Ill Consumers from Utility Disconnection. She serves on the boards of the Universal Service Administrative Company, the National Energy and Utility Affordability Coalition, and the Federal Communication Commission's Consumer Advisory Committee.

Louise White

Policy Advisor, Loan Programs Office and Office of Technology Transitions, U.S. Department of Energy

Louise White is an advisor with the Loan Programs Office and Office of Technology Transitions at the DOE. Louise supports DOE's Pathways to Commercial Liftoff effort to advance public and private investment into clean energy technologies. She is a lead author of the forthcoming Innovative Grid Deployment report that looks at opportunities to accelerate deployment of advanced grid technologies to address near term grid needs. Prior to joining the DOE, Louise worked as a consultant with Bain & Company focusing on energy and power markets and at the Environmental Defense Fund addressing oil and gas methane emissions. She recently completed her MBA from Stanford University.

Kya Williams

Community Outreach Manager, Environmental Protection Network

Kya Williams is the Community Outreach Manager with the Environmental Protection Network's pro bono capacity-building technical assistance program. Kya trains and mentors other EPN associates across the country and coordinates their work, creating new, deeper connections between communities of color and low-income communities in the 10 EPA regions, EPA alumni with decades of expertise, and other allies to assist with community-identified projects. Kya graduated from Virginia Commonwealth University, majoring in Psychology with a focus in Women's and Gender Studies. Before EPN, she worked with the National Domestic Workers Alliance, Care In Action, and The Feminist Majority. At the Feminist Majority, she was able to take part in Ghazala Hashmi's Senate campaign, resulting in the first Muslim woman elected to the Virginia Senate. Kya also coached for US Renew's Campaign Manager Training program, playing a key role in organizing and creating the Girls Take Granby women's march in Norfolk, Virginia.

David Wright

Vice President of Energy Programs, Groundswell

David (Dave) Wright is the Vice President of Energy Programs at Groundswell, a nonprofit that builds community power through equitable community solar projects and resilience centers, clean energy programs that reduce energy burdens, and pioneering research initiatives that help light the way to clean energy futures for all. Dave leads Groundswell's solar development, resiliency, and energy efficiency program implementation. He has steered the development of more than 2 MW of community-scale solar projects benefiting low and moderate-income areas of DC, Maryland, Illinois, and Georgia. Dave has also designed and led Groundswell's resilience program and is the Principal Investigator for a multi-year, federally funded project to develop a framework for community-driven resilience through engagement with disadvantaged communities across the state of Maryland. Before coming to Groundswell, Dave spent nearly a decade advising federal government agencies on energy efficiency, greenhouse gas emission reductions, and climate change adaptation initiatives. Dave is an expert in greenhouse gas (GHG) accounting protocols, having developed some of the first GHG emission inventories for the U.S. federal government. He also served as a Technical Reviewer for a major World Resources Institute report on GHG emissions accounting in the U.S. public sector. Dave holds a B.A. in environmental studies from Middlebury College and is pursuing a M.S. in Sustainability Management at American University in DC. He is a U.S. Green Building Council (USGBC) LEED Accredited Professional and holds a Photovoltaic Associate Certificate from the North American Board of Certified Energy Practitioners (NABCEP).

Pete Wyckoff

Assistant Commissioner of Federal and State Initiatives, Minnesota Department of Commerce

Pete Wyckoff coordinates Commerce's efforts to bring millions in federal clean energy funds to Minnesota, and also oversees the Energy Affordability business unit, encompassing Minnesota's Energy Assistance and Weatherization Assistance Programs. Prior to joining Commerce in 2023, Wyckoff served as Senior Policy Advisor for Energy for U.S. Senator Tina Smith and worked for former U.S. Senator Al Franken. He is emeritus professor at the University of Minnesota, Morris (UMM), where he served on the faculty for 15 years, and was founding director of the UMM Environmental Studies Program.

Yasmin Yacoby

Deputy Chief of Staff, U.S. Department of Energy - Office of Energy Justice and Equity

Yasmin Yacoby is the Deputy Chief of Staff at the U.S. Department of Energy's Office of Energy Justice and Equity (DOE-EJE). Her work focuses on the equitability and accessibility of energy systems, programs, and policies, and she is working to ensure that everyone has access to clean, affordable, and dependable energy. Prior to her role at DOE-EJE, Yasmin worked for the Rhode Island Office of Energy Resources as their first ever Energy Justice Program Manager. She worked together with members of her department, other state agencies, and frontline communities to strengthen access to and benefit from the clean energy system to frontline communities of color and low-income households. Yasmin is a Govern for America Alumna and graduated from Harvard University with Honors with a B.A. in Environmental Science and Public Policy.

Amir Yazdi

Deputy General Counsel, SEIA

Amir is SEIA's Deputy General Counsel, providing legal services to SEIA's Consumer Protection efforts, SEIA's Finance Initiative, and assisting the State Affairs team. Amir holds a B.S. in Physics from the College of William & Mary and a J.D. from the University of Virginia School of Law. Before law school, he worked at solar company in southeast Virginia. In his spare time, he enjoys cooking and swimming.

Shannon Zaret

Management and Program Analyst, U.S. Department of Energy

Shannon Zaret leads the Partnerships and Technical Assistance Team at DOE's State and Community Energy Programs. She manages the public sector work of the Better Buildings Initiative, helping state, local, and K-12 partners achieve goals for energy efficiency and

greenhouse gas emissions reductions. She led the Sustainable Wastewater Infrastructure of the Future (SWIFt) Initiative, helping wastewater utilities achieve 5-25% portfolio wide energy savings. She manages the State and Local Planning for Energy (SLOPE) Platform and the Low-Income Energy Affordability Data (LEAD) Tool, which deliver data on energy efficiency, renewable energy, sustainable transportation, and energy burden into an online platform to enable data-driven state and local energy planning. Shannon oversees the State and Local Solution Center, a hub for information on public sector funding, events, and resources, and she publishes the State and Local Spotlight Newsletter to showcase clean energy opportunities for state and local governments and K-12 school districts.

Anna Ziai

Project Director for State Implementation of Federal Climate Legislation, Clean Energy States Alliance

Anna Ziai (she/they) serves as CESA's Project Director for State Implementation of Federal Climate Legislation. Her work supports the 100% Clean Energy Collaborative by helping states understand and implement the Inflation Reduction Act and Bipartisan Infrastructure Law (IIJA), including advising them of the most relevant funding opportunities and on the implications of their implementation. Anna is a licensed attorney admitted to the Oregon State Bar. Before beginning at CESA, Anna served the Sierra Club's federal Environmental Law Program, where she researched and drafted memoranda, briefs, and formal comments under a wide range of federal environment legislation. Anna also researched and reported on the causal relationship between high energy insecurity for Black households and access to weatherization and energy efficiency programs in the South. Prior to the Sierra Club, Anna earned her J.D. from the University of Chicago Law School in June 2021. Anna completed associate positions with major law firms and worked with the UChicago Abrams Environmental Law Clinic. She helped spearhead cases under federal environmental legislation for clients such as the Center for Biological Diversity. She also led cases before the Michigan Public Service Commission representing Soulardarity, a frontline community organization working to bring community solar to low-income and people of color communities in Highland Park, Michigan. Anna is passionate about helping states make concrete progress on climate change and environmental justice. Outside of work, she likes to spend time in the ocean, play with her cat outside, and practice the art of resting.