2024 NECC Session Moderators and Speakers

Keynote Speaker

Andrew McAllister, California Energy Commission

Commissioner Andrew McAllister, Ph.D is serving his third term on the California Energy Commission. At the Energy Commission, he leads the policy area of energy efficiency, including the Building Energy Efficiency Standards, appliance efficiency, and load management and flexibility. More broadly, he is focused on enabling modern, data-rich analytical tools to support strong clean energy policy development and program implementation.

DOE Participants

Erin Beddingfield, U.S. Department of Energy

Erin Beddingfield leads engagement and outreach for the IRA Codes Program at the U.S. Department of Energy's (DOE) Office of State and Community Energy Programs (SCEP). 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.

Ian Blanding, U.S. Department of Energy

Ian Blanding is a Physical Scientist with the U.S. Department of Energy (DOE) Building Technologies Office. In this role, he helps manage the Building Energy Codes Program technical assistance initiatives to support successful energy code adoption and implementation in states and local governments. Prior to joining DOE, Ian worked as a Research Analyst at the Pacific Northwest National Laboratory and a Building Policy Manager at the Midwest Energy Efficiency Alliance. He holds a

Master of Community Planning degree from the University of Cincinnati and a B.S. in Environmental Policy and Public Administration from Central Michigan University.

Billierae Engelman, U.S. Department of Energy

Billierae Engelman sits on the Commercial Buildings Integration program in the Building Technologies Office, within the Office of Energy Efficiency and Renewable Energy at the US Department of Energy. She leads the Building Technologies Office's Building Performance Standards program, including managing technical assistance offerings and coordinating federal resources and analysis with National Labs and support contractors. She joined DOE in 2021 as an ORISE Fellow with the Residential Buildings Integration team within the Building Technologies Office. Prior to DOE, she spent seven years in various energy efficiency-related roles with Action for Boston Community Development, Inc. in Massachusetts, including managing the Low Income Multifamily Energy Retrofits Program under the Commonwealth's Mass Save utility energy efficiency program. She holds a Master's degree in public policy from the Heller School at Brandeis University and a Bachelor's degree in anthropology from the University of California, Santa Cruz.

Mandy Mahoney, U.S. Department of Energy

Mandy Mahoney is the director of the Building Technologies Office, leading its work to support a rapid, equitable, and cost-effective decarbonization of the U.S. buildings sector. Mahoney has vast experience in building energy policy, strategic planning, and organizational transformation. Mahoney has a 20-year legacy of developing programs and policies to address climate change, clean energy, affordable housing, and environmental justice. Before joining the Building Technologies Office, Mahoney worked at the Regulatory Assistance Project (RAP), a nongovernmental organization focused on energy policy innovation and thought leadership. Mahoney and her team advised U.S. regulators on climate and clean energy policy and renewed RAP's strategic plan with an emphasis on advancing building technologies. Mahoney served as president of the Southeast Energy Efficiency Alliance for over a decade, and she was the first director of sustainability for Atlanta, Georgia. Mandy holds a J.D. and a B.S. in biology and environmental studies from Emory University, and a Master of Environmental Management (M.E.M.) from Duke University.

Ram Narayanamurthy, U.S. Department of Energy

Ram Narayanamurthy is the Deputy Director of the Building Technologies Office. In this role, he oversees BTO's range of activities supporting advancements in building energy efficiency and decarbonization, including research & development (R&D), market stimulation and deployment, and building codes. Ram has more than two decades of experience supporting the development and deployment of building technologies. Prior to joining DOE, he led the buildings program at the

Electric Power Research Institute (EPRI), where his team focused on strategies for decarbonization of the building stock in both existing and new construction.

Chris Perry, U.S. Department of Energy

Chris Perry is an Engineer with the U.S. Department of Energy (DOE) Building Technologies Office. He participates in IECC and ASHRAE Standard 90.1 code development technical committees and directs energy code projects that enhance building energy efficiency, grid interactivity, and resiliency. Before joining DOE, Chris worked as Research Manager at the American Council for an Energy-Efficient Economy (ACEEE), a Sustainability Consultant at JDM Associates, and an Engineer at URS Corporation. He earned a M.S. degree in Engineering Management from George Washington University and a B.S. degree in Industrial Engineering from Pennsylvania State University. Chris is a registered professional engineer in Washington, DC.

Carolyn Snyder, U.S. Department of Energy

Dr. Carolyn Snyder is the Deputy Assistant Secretary for Buildings and Industry at the U.S. Department of Energy. In this role, she leads offices that advance energy efficiency and reduce emissions from our nation's buildings and industry while supporting U.S. energy security and manufacturing competitiveness. She oversees over $800 million annually for R&D across U.S. national laboratories, private industry, and universities, as well as comprehensive partnerships with energy sector leaders, other federal agencies, and state and local governments to demonstrate and deploy these technologies and support the transition to a clean energy economy. Dr. Snyder oversees three offices. The Industrial Efficiency and Decarbonization Office accelerates the innovation and adoption of cost-effective technologies that eliminate industrial greenhouse gas emissions. The Building Technologies Office invests in high-impact solutions to equitably and rapidly scale decarbonization technologies across the buildings sector. The Advanced Materials and Manufacturing Technologies Office drives innovation in energy-related materials and manufacturing technologies to increase global competitiveness and support a clean, decarbonized economy. Previously, Dr. Snyder served as the Director of U.S. EPA's Climate Protection Partnerships Division where she led voluntary partnerships with thousands of industrial, commercial, utility, state, and local organizations. She also served as a consultant at McKinsey & Company, a White House Fellow in the U.S. Office of Management and Budget, and Director of Delaware's Division of Energy & Climate. She earned a Ph.D. in Environment and Resources from Stanford University, Masters Degrees as a Marshall Scholar from Oxford and Cambridge, and a B.A. from Amherst College. Her scientific research has been published in *Nature*, *Paleoceanography*, and *Climatic Change*.

Anna Stern, U.S. Department of Energy

Anna Stern recently joined BTO as an Operations Research Analyst/Technical Project Officer supporting the Building Energy Codes Program team and the Resilient and Efficient Codes Initiative (RECI). Prior to joining DOE, she served as the Director of Clean Energy Projects at David Gardiner and Associates (DGA) where she led research for the Environmental Defense Fund's Climate Innovation Tracker, worked with the Energy Foundation on state implementation of medium/heavy duty electric vehicles, and spearheaded the development of a 'Transmission 101 handbook' for consumer advocates in the PJM region. She also worked on the Sustainability & Green Building team at the National Association of Home Builders (NAHB), where she focused on educating and providing technical expertise to members on high-performance homes. Much of Anna's career was spent at the Massachusetts Clean Energy Center (MassCEC), where she contributed significantly to the development, implementation, and management of the Mass Solar Loan Program, connecting consumers to low-interest loans for residential solar PV. Anna holds an M.S. in Environmental Science and Policy and a B.A. in Psychology with a minor in Environmental Science from Clark University.

Nicole Westfall, U.S. Department of Energy

Nicole Westfall is an Operations Research Analyst in the Department of Energy's Building Technologies Office. Prior to starting at DOE, Nicole worked at Energy Solutions where she was the project manager working on behalf of California's IOUs to submit proposals for consideration in California's Title 24 Part 6 (energy code) update. Before that, Nicole spent over 4 years at the Midwest Energy Efficiency Alliance, where she managed two energy code support programs in the Midwest and led the organization's energy code adoption efforts. Nicole has a BS in Integrative Biology from the University of Illinois at Urbana Champaign and an MS in Environmental Technology from Imperial College London. In her free time, she likes to be active outside, cook/bake, and travel.

Jeremy Williams, U.S. Department of Energy

Jeremy Williams is the Building Energy Codes Program Manager with the U.S. Department of Energy (DOE) Building Technologies Office. He directs projects related to building energy efficiency and specializes in energy codes which help U.S. homes and businesses in becoming more efficient, healthier, more productive, and more resilient. For over 10 years, he has represented the Department in its code research and development activities and is a voting member of the IECC and Standard 90.1 technical committees. Jeremy has also led DOE's code technical assistance initiatives, which support states and local governments in successfully implementing their codes. His educational background includes an M.S. degree in Construction Management from Michigan State University, and a B.S. in Business and Education.

Session Speakers

Gypsy Achong, California Energy Commission

Omar Al-Hassawi, Washington State University

Omar Al-Hassawi is an Associate Professor at Washington State University's School of Design and Construction (WSU SDC) and holds a Ph.D. in Design, Environment, and the Arts from Arizona State University (ASU). Omar has seven years of professional experience working on architectural design projects across the Middle East as well as 10 years of teaching experience between WSU and ASU. Dr. Al-Hassawi conducts research in two primary areas - advancing the performance of passive and low-energy environmental control systems, as well as workforce development in high-performing energy-efficient buildings. Under Omar's leadership, the Energy Conscious Construction certificate programs received the U.S. DOE Zero Energy Design Designation, the only certificates at a national level that are delivered fully online and hold this recognition.

Adam Berry, Colorado Energy Office

Adam Berry is the Senior Program Manager for Building Codes at the Colorado Energy Office (CEO), a non-regulatory office of the Governor of Colorado. In his role, Adam manages Colorado's work on building energy codes, including managing Colorado's development of advanced energy codes for statewide adoption through the Colorado Energy Code Board, working with local governments to adopt and implement highly efficient building energy codes and stretch codes for electrification and on-site renewable energy, and managing state funding and technical assistance programs for advanced energy code adoption, enforcement, workforce development, and training. Additionally, he works with the CEO legislative affairs team to support development of new legislative proposals for energy codes and decarbonization of new buildings across Colorado. Prior to joining CEO, Adam spent four years working on federal energy policy in the United States Senate for Senator Jeff Merkley (D-OR) and the Senate Energy and Natural Resources Committee. During his time in the Senate, Adam crafted policies for improving building energy efficiency and decarbonizing existing buildings and led the efforts to include nearly $40 billion in incentives for building energy retrofits, energy code adoption and enforcement, and industrial and manufacturing efficiency in the Infrastructure Investment and Jobs Act and the Inflation Reduction Act. Adam holds a bachelor's degree in political science from Wichita State University.

Kevin Berry, New Buildings Institute

Kevin Berry, PhD, is a Project Analyst at NBI, bringing his deep understanding of architecture and energy policy to supporting a range of projects supporting advanced jurisdictions. Prior to joining NBI in 2022, he worked for PSD Consulting, where he gained experience researching state and federal energy policies, utility programs, and building energy codes. Kevin completed his PhD in Architecture at the University of Pennsylvania in 2020. He received a Fulbright for his doctoral research on architecture and politics and was a visiting scholar at the Technical University of Berlin in 2018. He also has experience teaching as an adjunct professor of architecture at the University of Pennsylvania and, between 2012 and 2014, was an adjunct professor of philosophy at Boston College.

Scott Blunk, California Energy Commission

Amy Boyce, Institute for Market Transformation

Amy is IMT's Director of Federal Engagement and Technical Strategy. As such, she develops and deploys local, state, and national level strategies to achieve broad-scale transformation through codes and building technology. Amy leads the Energy Efficient Codes Coalition, is a member of the Residential Consensus Committee for the development of the 2024 IECC, and served as part of the Building Performance Standards working group within ASHRAE's Task Force on Building Decarbonization. Amy's extensive experience in the DC market has spanned the areas of building design and construction, sustainability, and energy efficiency. Her recent work includes leading a team in performing energy audits and designing solutions for energy and cost savings for commercial buildings. Prior to that, Amy worked as a mechanical engineer and served as the Technical Specialist for all energy-related credits in the LEED department at the U.S. Green Building Council. Amy earned her MBA from Georgetown University and holds a Bachelor of Science in Mechanical Engineering from Pennsylvania State University. She is a licensed engineer, Certified Energy Manager, and a LEED AP.

Misti Bruceri, Misti Bruceri & Associates, LLC

Patricia Chawla, Austin Energy Green Building

Patricia Chawla is a Conservation Program Coordinator at Austin Energy Green Building (AEGB). In her role, Patricia wears many hats. Primarily, she develops and administers the residential green building program, the first in the country, to cultivate innovation in building for the enrichment of the community's environmental, economic, and human well-being. Secondarily, she advises Austin's work towards residential energy codes, including subject matter expertise, training support, and managing the local adoption of the residential energy code which is more stringent than published code. Recently, Patricia was a member of the Residential Consensus Committee for the development of the 2024 IECC. Patricia has a BS in Physics

from the University of Texas at Dallas and a Master of Environmental Science from the University of Oklahoma.

Kim Cheslak, Pacific Northwest National Laboratory

Kim is a building energy policy leader and content matter expert that guides the future of building energy policy throughout the United States. Her work includes assisting jurisdictions to improve their use of codes and energy policies to achieve their goals and assist in achieving national goals. Before joining PNNL, Kim led the codes and policy team at New Buildings Institute in development, implementation and thought leadership around energy codes and building performance standards to assist U.S. cities and states to meet their climate goals, with a strong focus on building decarbonization and building-grid integration. Kim has over 10 years of experience focusing on the role of codes and standards to move the needle on the design and construction of high performance buildings. Her career has included commercial and residential code compliance studies, working with local governments to maximize savings through adoption of and compliance with code, and managing sustainability portfolios. Kim was instrumental in the formation of Washington DC's Green Building Division.

Heather Clark, The White House

Kelly Cunningham, Pacific Gas & Electric Company

Kelly Cunningham currently serves as a program manager on Pacific Gas & Electric's Codes and Standards team. Her role includes managing the program responsible for the development of codes and standards enhancement proposals to advance California's Energy Code, leading the Local Energy Codes program which offers technical assistance to California jurisdictions pursuing ordinances that support local climate action initiatives, and supporting the evolution of national building energy model codes.

Erica DiLello, NORESCO

Erica DiLello is a Project Manager for NORESCO's Codes and Standards team. She engages with a network of stakeholders across the U.S. to execute innovative solutions in workforce development. Erica's strong background in code implementation, energy modeling, and building design and construction. She supports technical consulting and facilitation services for the development of building energy efficiency codes, compliance tools, and training to contribute to the success of custom sustainability programs. Erica leverages years of experience in identifying, implementing, and evaluating metrics to assist clients in strategically achieving their energy efficiency and broader sustainability goals.

Eric Engelman, Policy Studio

Eric is the founder of Policy Studio, a mission-driven organization at the forefront of accelerating local building decarbonization policy. Policy Studio is dedicated to empowering governments to make better policies faster, providing tools designed from a deep understanding of the policy-making process with all its real-world challenges and constraints. Eric and his team pioneered the Cost-Effectiveness Explorer, a groundbreaking tool that has helped more than 100 cities and counties across California accelerate the adoption of energy code amendments since its launch three years ago. With a master's degree in economics and public policy, Eric found his passion for local energy policy during his tenure as Senior Policy Advisor to the Mayor of San Diego. Since then, Eric has spent the last 14 years accelerating local energy policy adoption.

Mary English, Metropolitan Energy Center

Mary English is the Program Manager for Building Performance at Metropolitan Energy Center, where she supports concierge services for businesses and residents; as well as helping spur policy change in the region to respond a growing climate-change emergency. Prior to joining MEC, Mary worked in the building performance industry conducting energy assessments, testing, and consultation in both the residential and commercial sectors. Mary founded Small Step Energy Solutions which became a leading home energy assessment provider. Small Step worked with municipalities – including Kansas City, MO – to review and update their building energy code. She also worked closely with area developers to create sustainable developments and multifamily housing based on equity goals. Mary then moved into commercial-business sustainability, helping start-up businesses in passive house design, energy benchmarking, and efficiency upgrades in HVAC systems. In off hours Mary enjoys the great outdoors with her husband and dog, practicing aerial arts, and watching Royals baseball.

Sandy Gallo, Buildings Efficiency Resources

Sandy Gallo is the current Vice President of Building Efficiency Resources (BER) a RESNET accredited Quality Assurance Rating Provider and accredited Training Provider. He has served in three of the largest Rating Providers in the us as a Manager, Education and Training Manager, Senior Operating Manager and Director of Business Development and Direct or Building Science and Field Operations. Mr. Gallo has years of experience in the HERS® industry having been certified as a RESNET HERS® Rater, RESNET Quality Assurance Designee, Rater Instructor, ICC Energy Inspector/Plans Examiner, NGBS Green Verifier and Master Infrared Thermographer. Sandy has also served on several RESNET working groups, as a RESNET Board of Directors. The NHBA Green Building Committee and currently serving as a Governing Committee Member of the Sustainability Council of the ICC.

Jordan Garbayo, Tri-County Regional Energy Network

Jordan Garbayo is Co-Director for the Tri-County Regional Energy Network (3C-REN) representing the County of San Luis Obispo, where he works to administer and deliver energy efficiency programs to the Central Coast. He serves on the Leadership Team to support 3C-REN's portfolio of programs, budgets, and overall growth in the region. Jordan also coordinates closely with his fellow Co-Directors from the Counties of Santa Barbara and Ventura on high-level programmatic strategy/design, marketing, contracting, and regulatory efforts with the CPUC and CEC. The County of San Luis Obispo leads on the Energy Code Connect and Commercial Marketplace programs with his oversight and he has been a Board member with the California Association of Building Energy Consultants (CABEC) since 2020. Jordan also focuses on partner/relationship development with other organizations and RENs across the state to support our overall efforts. Jordan holds a master's degree in Environmental Studies and a bachelor's degree in Business Administration from California State University Fullerton and University of La Verne, respectively. When not hard at work administering energy programs, he enjoys playing with his wife and two children, maintaining a micro farm in his backyard, and camping as much as possible.

Carolyn Sarno Goldthwaite, ClearlyEnergy

Carolyn leads ClearlyEnergy's commercialization efforts. She collaborates with stakeholders to develop cost-effective and cutting-edge solutions to tackle climate change. Before joining the team, Carolyn provided strategic direction and management for Northeast Energy Efficiency Partnerships (NEEP). A Certified Building Operator and former facilities manager for Newton, Mass. Where she managed operations, maintenance, and renovations for 85 public buildings, Carolyn is on the Board of Directors for the Collaborative for High-Performance Schools (CHPS), chaired Mass Governor Deval Patrick's Net Zero Energy Task Force for Public Buildings, past Co-Chair of the DOE & EPA led SEE Action Existing Commercial Buildings Working Group, past Chair, and advisor to the Town of Bedford's Mass Energy and Sustainability Task Force. She has received several awards to advance climate policy, including the CHPS Green Apple Award for advancing public policy concerning schools, recognition for excellence in the advancement of building energy codes and performance, winning the US DOE Jeffrey A. Johnson Award for her participation in developing the nation's first stretch energy code and an EPA Children's Environmental Health award. She holds a BS in Psychology from Salem State University.

Randall Higa, Southern California Edison

Duane Jonlin, City of Seattle

Duane Jonlin, FAIA, Energy Code and Energy Conservation Advisor at the Seattle Department of Construction is responsible for development of the Seattle Energy code, and for eight years chaired the Energy Code TAG for the Washington State Building Code Council. At the US national level, he is Chair of the IECC Commercial Energy Code Consensus Committee for development of the 2024 IECC and is a voting member of the

ASHRAE 90.1 Committee. Prior to taking his position at the City of Seattle, Duane was a principal at NBBJ, with 30 years' experience designing complex projects as a technical architect. He is a featured speaker nationally on issues of energy efficiency and energy regulations, a member of the American Institute of Architects College of Fellows and a Senior Fellow at the New Buildings Institute.

Linda Khamoushian, GRID Alternatives

Linda serves as the Senior Clean Mobility Strategist at GRID Alternatives, working to expand clean mobility options and offerings to EJ communities and shaping policy to have a meaningful impact on transportation equity. Linda is a Los Angeles native, and graduate of UC Berkeley and UCLA. She holds a masters degree in Urban and Regional Planning.

Greg Lasher, TRC

Greg has worked in the field of energy efficiency since 2010. His experience includes implementation of programs, consulting on energy codes and program design, code compliance and evaluation studies, outreach, and working as a general contractor. With TRC, Greg works on behalf of Energy Trust of Oregon implementing their EPS for New Construction incentive offering. Mr. Lasher promotes energy efficiency in the new construction market in Oregon and Washington and maintains relationships with builders, verifiers, home building associations, and suppliers. He is currently consulting with Puget Sound Energy as they develop an above code offering for single-family new construction. Prior to TRC, he worked as a general contractor installing energy efficiency measures in existing homes. Greg holds a Master of Public Affairs from Indiana University's School of Public and Environmental Affairs.

Mark Lyles, Pacific Northwest National Laboratory

As a research analyst at PNNL, Mark plays a key role in advancing code adoption and implementation by providing direct technical assistance, analysis, education, and technical resources to states and local jurisdictions. In this role Mark works collaboratively with the building energy codes community, including building designers, construction industry representatives, and state and local policymakers, to help understand and address specific challenges in advancing building energy codes. Before joining PNNL he served as Associate Director of Codes and Policy at New buildings institute. He holds a Master of Architecture degree, is a Certified Passive House Consultant, and serves on the ASHRAE Passive Design Standard committee and previously served on the IECC 2024 residential committee.

Jill Marver, Pacific Gas & Electric Company

Nick Minderman, Xcel Energy

Nick has worked in energy efficiency and sustainability planning since 2007. His experience includes high performance building and life cycle assessment research, professional sustainability consulting for commercial, industrial, and institutional clients, and administration of energy efficiency programs for statewide and multi-state portfolios. Most recently, Nick has focused on program evaluation and research projects to support

Xcel Energy's portfolio of energy conservation programs across five different states. This includes a special emphasis on accelerating adoption of non-traditional program models to facilitate market transformation. Nick holds a Bachelor of Geological Engineering from the University of Minnesota and master's degrees from The Royal Institute of Technology in Stockholm Sweden and the Edward J. Bloustein School of Planning and Public Policy at Rutgers University. Nick is an appointed member to the Minneapolis Community Environmental Advisory Commission, serves as a member of the US Green Building Council's Minnesota Market Leadership Advisory Board, and is the President of the International Energy Program Evaluation Conference (IEPEC) Board of Directors.

Shaunna Mozingo, Mozingo Code Group, LLC

Shaunna Mozingo is the President at The Mozingo Code Group, LLC. In addition to being a plans analyst and inspector for jurisdictions, Shaunna takes great pride in assisting jurisdictions, in the U.S. and Internationally, in adopting their newer Building and Energy Codes and providing education on those adopted codes. Shaunna consults and teaches on the full family of I-codes but is best known for her work in Energy Codes. She has conducted multiple residential and commercial building studies in various states, has been involved on many code development committees locally and nationally, and serves as a Code Circuit Rider in 3 states. She has served as a building inspector for the China and U.S. Solar Decathlon Competitions, co-authored the "2018 Energy Code Essentials" for ICC and has been awarded the Department of Energy's Jeffrey A Johnson Award, ICC/IMT's Standard Bearer's Ward and Southwest Energy Efficiency Project's Leadership in Energy Codes award, all for her work in the advancement of building Energy Codes and building performance. Shaunna is a past president of the Colorado Chapter of ICC, recipient of the Chapter's Beryl Wallace Award and President's Award, and is the Co-Chair of the Colorado Chapter's Education Committee.

Randy Plumlee, South-Central Partnership for Energy Efficiency as a Resource

Randy Plumlee, an accomplished professional with a comprehensive array of credentials including IECC, HERS, RESNET QAD, LEED GR, LEED QAD, and BPI, and is the Energy Code Program Manager at SPEER. He holds a degree in Residential Building Performance and brings over ten years of experience from his previous position as a Regional Manager in Dallas/Ft. Worth and Austin. In that role, he oversaw a team of Energy Inspectors/Raters for one of Texas's largest third-party energy verification/inspection companies. A significant career highlight is his key involvement in the first certified LEED project outside the United States, located in Doha, Qatar. Randy applies his extensive knowledge and expertise to advance teaching, educating, and advocacy efforts for the adoption and promotion of the energy codes in both Texas and Oklahoma.

Duncan Prahl, The City University of New York

Duncan Prahl, RA, AIA, is the Director, Technical Services at CUNY BPL. Duncan has over 35 years of experience in building performance, with an extensive knowledge of building physics, mechanical systems, whole building systems integration and optimization, and indoor environmental quality. Duncan has run utility energy conservation programs, a design build company, and for the past 20+ years has managed Federal- and state-funded

multi-million dollar building science applied research programs with industry, government and national laboratory stakeholders. At CUNY BPL, Duncan helps clients set strategic direction and develop operational processes and oversees a team that develops scalable implementation tools for measurement and verification of avoided energy and carbon emissions. Duncan also manages a team that conducts measurement and verification of key energy conservation measures implemented by the NYC Department of Citywide Administrative Services, Division of Energy Management (DCAS DEM).

Bob Raymer, California Building Industry Association

Formerly Senior Engineer/Technical Director for the California Building Industry Association (CBIA), Bob was hired by the CBIA in 1981 to serve as the Staff Engineer. After obtaining his Professional Engineer (Mechanical) license in 1985, Bob became CBIA's Technical Director/Senior Engineer. In this capacity, Bob represented California's homebuilders at the local, state, and national levels on such code-related issues as energy efficiency, water efficiency, green building design, disabled accessibility, fire safety, and indoor air quality. Bob has served as Chair of the California Building Standards Commission's Green Building Code Advisory Committee, Building & Fire Code Advisory Committee, and the Accessibility Code Advisory Committee. Most recently, Bob served as the Leading Builders of America's representative on ICC's International Energy Conservation Code Residential Consensus Committee. Bob also has degrees in mechanical engineering, environmental studies, and engineering technology from CSU Sacramento, where he served in the Student Senate and was student body president.

Maggie Kelley Riggins, Southeast Energy Efficiency Alliance

Maggie Kelley Riggins is SEEA's Senior Program Manager where she manages the energy efficient buildings portfolio, which includes building codes, building performance standards, and building-oriented pilot project models for enhancing energy efficiency in the Southeast. Maggie is laying the landscape for equity in energy efficiency, believing that we need to understand the "why" behind building efficiency in order to see better outcomes for all building occupants and the building energy efficiency workforce. Maggie has extensive experience in stakeholder engagement and coalition facilitation, and she strives to put people at the center of all her work.

Mark Rodriguez, SolarAPP+ Foundation

Mark Rodriguez is the SolarAPP+ Foundation's Executive Director and supports permitting for solar and storage projects nationwide. Mark's extensive background in solar covers the development, interpretation, and application of codes and standards as he directs the Specification Development working group with the long term partner, Underwriter's Laboratories. Mark has additional roles with the Sustainable Energy Action Committee, International Energy Conservation Code Residential committee, and as a member of the UL 9540 Standard Technical Panel. Before joining the Foundation, Mark worked for Sunrun as the Design Manager for the West Coast and as the Director for Codes and Standards Development. Prior to that, Mark worked extensively in the Electrical Integration field, designing and installing mobile and fixed site interoperability systems throughout Los Angeles County, supporting police and fire departments to

conduct field operations between departments. Mark also served in the United States Marine Corps for 9 years as a counter-intelligence specialist.

Kevin Rose, Northwest Energy Efficiency Alliance

Kevin provides technical and strategic guidance to NEEA's Codes & Standards initiatives, including code development, adoption, and compliance support at the state and national levels. Prior to joining NEEA in 2021, he designed, managed, and evaluated statewide utility energy efficiency programs targeting the residential and commercial new construction markets in Massachusetts and Rhode Island. Preceding that, he supported similar energy code and building energy rating initiatives from Maine to Maryland and delivered home energy testing and rating services in his native New York state. Kevin holds bachelor's degrees in Engineering Studies and Mathematics and a master's in Engineering Management.

Virginia Rutter, Minnesota Department of Commerce

Virginia Rutter is the Buildings Program Administrator with the Minnesota Department of Commerce. She is launching the statewide commercial and multifamily building energy benchmarking program and works on other building efficiency programs and with advanced energy codes. She previously was Director of Engagement and Strategic Initiatives at Clean Energy Economy Minnesota and has worked in solar and consulting. She received her Master of Public Policy from the Humphrey School of Public Affairs at the University of Minnesota, and her B.A. in Public Policy Analysis & Biology from Pomona College.

Rob Salcido, Pacific Northwest National Laboratory

Rob Salcido is a senior engineer in the Building Energy Codes Program at the Pacific Northwest National Laboratory (PNNL). His work focuses on the development and implementation of advanced residential energy codes including renewable energy technologies, decarbonization, and equity. In addition, he leads the software development team responsible for the REScheck and COMcheck software. Rob serves as a member of the International Code Council (ICC) Residential Consensus Committee as well as the RESNET SDC 300 Main Committee and Calculations subcommittee as well as the RESNET Software Consistency Committee. Prior to joining PNNL, Rob spent five years as the Principal with Salcido Solutions, a consulting firm specializing in software design, building science, energy modeling and building energy analysis, and residential energy code development. Rob holds a MS in civil engineering from the University of Colorado at Boulder. He is also a registered Professional Engineer in Colorado.

Madeline Salzman, Earth Advantage

Madeline Salzman serves as Head of Strategic Partnerships for Earth Advantage, a national nonprofit focused on equitable housing decarbonization. Earth Advantage works to provide knowledge to building professionals and information to consumers through certification, research, education, and product development to support climate-friendly housing, green jobs, and climate justice. In her role, Madeline focuses on scaling policies, standards, and programs that drive funding and financing toward home energy upgrades aligned with decarbonization

priorities. Prior to joining Earth Advantage, Madeline served as a Management and Programs Analyst for the U.S. Department of Energy (DOE)'s State and Community Energy Programs Office and Building Technologies Office. While at DOE, Madeline managed the Home Energy Score program, oversaw Green Buildings Workforce initiatives, and advised on rollout of the Inflation Reduction Act Home Energy Rebates.

Tessa Sanchez, Tesla

Tessa Sanchez is on the public policy and business development team at Tesla, where she leads local government affairs. Key topic areas of her work include electric vehicle charging infrastructure, energy storage, local municipal engagement, codes, permitting, and fire safety. Previously, she was the Energy and Electric Vehicle Coordinator at the San Francisco Department of the Environment, where she developed and implemented transportation electrification and energy efficiency programs for the City and County of San Francisco. Tessa has also worked at software startups specializing in building energy management systems and utility analytics. Tessa has a B.A. in Environmental Analysis and Policy from Boston University.

Jerica Stacey, International Code Council

Jerica Stacey brings over 13 years of experience in the development, adoption and implementation of building energy codes and standards to the International Code Council's Training Department as its Director of Technical Training. Jerica manages the Code Council's Technical Training team and supports energy code initiatives, contributes to energy codes and standards technical development, and advances the Council's business interests related to energy codes and standards for both the national and international markets. She also develops technical content for support publications to the Code Council's International Codes, including its Significant Changes, Code Essentials and Study Companion series publications as well as many other projects. Jerica serves on the RESNET Standard Development Committee 900 which oversees RESNET's quality assurance and sampling technical standards and is an active member of the Idaho Energy Code Collaborative where she supports energy code education in her home state.

Michael Tillou, Pacific Northwest National Laboratory

Michael Tillou joined PNNL in 2020 as a Senior Research Scientist. He supports PNNL's commercial energy code development team providing technical analysis and support for cost-effective upgrades to national model energy codes and standards including ASHRAE Standard 90.1 and the International Energy Conservation Code. Michael has worked for over 25 years as an energy analyst supporting the design and operation of high-performance buildings, analyzing complex building systems, and providing training to code officials and design professionals. He has combined his expertise in code development and building simulation to become a leader in the effort to transition to performance-based energy codes.

Rich Truitt, Hartford County Government, Maryland

Rich Truitt currently serves in the position of Director (Building Official) for Harford County Government in Maryland. Rich started his career as a code professional in 1994 and has also held the positions of Plans Reviewer, Chief Building Inspector, and Deputy Director (Deputy Building Official) while employed with the County. Throughout his professional career, Rich has served on the Board of Directors for the Maryland Building Official Association (MBOA) as a Director at Large, Secretary, Vice President and President, the Sectional E Director International Code Council (ICC) and is a past member of the ICC-Evaluation Service (ES) Board of Managers. Currently he serves as Chair of the Professional Development Council and as a member of the IECC Residential Consensus Committee.

Bahareh van Boekhold, ILLUME Advising

Bahareh van Boekhold likes to introduce herself as a recovered architect! She is a trained architect with over 15 years of experience in energy efficiency, clean energy policy, and program development and implementation. She has worked at the intersection of energy, climate mitigation, resilience, and sustainability initiatives. Bahareh led the development of multiple statewide energy efficiency programs and policy frameworks, including the State of Delaware EM&V framework and the development of the Energy Code Collaborative. Her energy efficiency program and policy expertise are complemented by a working knowledge of multiple building assessment tools and high-performance building certifications.

Tomi Vest, New York State Energy Research & Development Authority

Will Vicent, California Energy Commission

Will is the Deputy Director of Building Standards at the California Energy Commission – the state's primary energy policy and planning agency. Will currently leads the team responsible for updating and maintaining California's nation-leading Energy Code – this includes ensuring statewide compliance with the Energy Code, developing supporting tools and documents, and offering a diverse portfolio of outreach & education. Throughout his career he has worked collaboratively with nationally recognized design firms, builders, developers, utilities, research entities and policy makers to bring buildings into better harmony with nature. Will has accepted invitations to speak at the nation's largest clean energy events, universities, and the White House. In 2019, he received the Net Zero Trailblazer award for his leadership in decarbonizing our built environment. leads the building standards team at the.

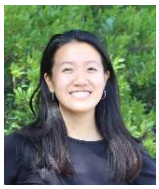
Michael Waite, American Council for an Energy-Efficient Economy

Michael Waite, PhD, P.E. is Director of Codes and Building Standards at the American Council for an Energy-Efficient Economy (ACEEE). He also serves as Director of the National Energy Codes Collaborative, a new ACEEE-led nationwide network that empowers states and jurisdictions to effectively implement updated building energy codes. Mike leads initiatives that root energy code development and implementation in sound and innovative research to reduce greenhouse gas emissions and promote energy affordability. He conducts research related to building energy decarbonization and collaborates with others at ACEEE to align smart building policy with emerging climate policies. Prior to joining ACEEE, Mike worked as a research scientist in the Sustainable Engineering Lab at Columbia University. Previously, he was a senior building technology engineer in the architecture, engineering, and construction industry. Mike holds a Doctor of Philosophy and a Master of Science in mechanical engineering from Columbia University and a bachelor of science in mechanical engineering and physics from Clarkson University.

Amanda Webb, University of Cincinnati

Dr. Amanda Webb is an Assistant Professor in the Department of Civil and Architectural Engineering and Construction Management at the University of Cincinnati (UC). Dr. Webb's research develops new data and modeling methods to support sustainable and equitable decarbonization of existing buildings. Her teaching includes courses on building energy modeling, building energy audits, and building physics. She has previous industry experience as an environmental design consultant for Atelier Ten, and as an energy auditor working for the Smart Energy Design Assistance Center at the University of Illinois. She holds a doctorate in Architectural Engineering from The Pennsylvania State University, a master's degree from MIT, and a bachelor's degree from Yale University.

Jasmine Xie, National Association of State Energy Officials



Jasmine Xie is a Senior Program Manager of NASEO's buildings program, where she works to support states on policies and programs around energy efficiency in public and commercial buildings, grid-interactive efficient buildings, and rural energy development. Prior to NASEO, she worked at ICF and supported EPA's ENERGY STAR Program for Commercial Buildings and the City of Cambridge on administering their annual Building Energy Use Disclosure Ordinance. She has a Bachelor of Arts in economics and environmental studies from Swarthmore College.