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ZACH ABRAMS, Better Buildings Account Manager, ICF International

Zach Abrams is a Senior Associate with ICF International where he serves as a Commercial and Public Sector Account Manager for DOE's Better Buildings Challenge program, and as Retail Sector Account Manager to the Better Buildings Alliance program. In this capacity, he provides support to organizations seeking to improve the energy performance of commercial and public buildings. He previously supported DOE's Energy Efficiency and Conservation Block Grant Technical Assistance Program. Zach has a B.A. from the University of Michigan and an M.A. from the University of Southern California.

GEORGE S. (TAD) ABURN, Director—Air & Radiation Management Administration, Maryland Department of the Environment

Tad Aburn is currently Director of the Maryland Department of the Environment's Air and Radiation Management Administration. He is responsible for the implementation and management of the State's air pollution and radiation protection programs, including air quality planning and monitoring, developing regulations, air permitting, radioactive materials licensing, radiation machine registration and certification, and inspection/enforcement programs. Between 2006 and 2009, Tad was instrumental in the passage of the Healthy Air Act, the Clean Cars Act, and the Greenhouse Gas Reduction Act. He has a degree in Environmental Engineering from Brown University.

LAURIE ACTMAN, Deputy Director, Consortium for Building Energy Innovation

Laurie Actman is the Deputy Director for the Consortium for Building Energy Innovation. She has previously held positions as Director of Strategic Partnerships and Public Policy for Viridity Energy, Consultant to Philadelphia Mayor Michael Nutter, Chief Policy Development Officer for the CEO Council for Growth and Select Greater Philadelphia, Central Philadelphia Development Corporation, Greater

Philadelphia First, The Brookings Institution, and Rails-to-Trails Conservancy. Laurie has a Master's degree in Regional Planning from the University of North Carolina, Chapel Hill, and a B.A. from Washington University, St. Louis.

ADAM AGALLOCO, Energy Conservation Manager, City of Philadelphia, Mayor's Office of Sustainability

Adam Agalloco is the Energy Conservation Manager for the Mayor's Office of Sustainability in the City of Philadelphia, which reports and implements the city's comprehensive sustainability plan, Greenworks Philadelphia. He oversees an aggressive energy conservation program to meet the energy reduction goals in city-owned facilities. Prior to joining the City of Philadelphia, he worked for a large wind energy company and design engineering firm. Adam has a Bachelor's degree from Villanova University in Mechanical Engineering and a Master's degree in Sustainable Design from Philadelphia University.

ELENA ALSCHULER, Energy Technology Program Specialist, U.S. Department of Energy

Elena Alschuler, a Project Manager in the Building Technologies Office, is responsible for developing tools and standards that make it easier to manage, analyze, and share empirical information about building energy performance, including the Buildings Performance Database, the SEED Platform, and the Building Energy Data Exchange Specification. She also leads the U.S. Department of Energy's (DOE) efforts to strengthen evidence linking building energy performance with financial performance, and encourage commercial real estate appraisers, brokers, and lenders to fully incorporate these benefits in real estate transactions. Elena has a Master's degree in City Planning from the Massachusetts Institute of Technology.

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ELISE ANDERSON, Program Coordinator,
Massachusetts Department of Energy Resources,
Schools and Public Housing Integrating Renewables
and Efficiency (SAPHIRE) Program

Elise Anderson serves as Program Coordinator for the Schools and Public Housing Integrating Renewables and Efficiency (SAPHIRE) State Energy Program, which offers grants and technical assistance for Massachusetts public K–12 schools with renewable thermal and energy efficiency projects. She has coordinated a number of Federal grants, including the Energy Efficiency Community Block Grant program for municipalities and a residential energy performance rating pilot program called Home MPG.

GEORGE ANDRAOS, Director of Energy Supply,
Quality and Efficiency, Ford Motor Company

George Andraos leads Energy Efficiency and Supply for Ford Motor Company facilities globally. In this role, he procures electricity, natural gas, and other fuels, as well as overseeing the implementation of energy efficiency action globally across all manufacturing, R&D, and corporate facilities, including the implementation of energy projects, performance contracts, and renewable/sustainability programs. George has a B.S. in Engineering from the University of Michigan, Ann Arbor, and an MBA from Eastern Michigan University, Ypsilanti.

ROB ARTHUR, Director of Refrigeration Engineering,
CTA Architects Engineers

Rob Arthur, P.E., holds Mechanical Engineering licenses in 31 States, Puerto Rico, and British Columbia, Canada. In 2000, he joined CTA Architects Engineers in Missoula, Montana, and returned to designing refrigeration systems for both new store and remodel projects for several different retailers. Rob has become the Refrigeration Engineer of Record and trusted advisor for more than 12 national and regional retailers and is active in the supermarket industry in developing sustainable refrigeration systems that utilize zero ODP and low GWP refrigerants. Rob has a Bachelor's degree in Mechanical Engineering from Montana State University.

NICOLE BALLINGER, Outreach Advisor, City of
Seattle Energy Benchmarking & Reporting Program

Nicole Ballinger has served as the Outreach Advisor for the City of Seattle Energy Benchmarking and Reporting Program since February 2012. She

has more than a dozen years of marketing and outreach experience, and has been a Marketing Project Manager for the Efficiency Vermont program, the Communications Coordinator for the Lake Champlain Basin Program, and a private consultant. Nicole has an M.S. in Natural Resource Planning from the University of Vermont.

CARA BASTONI, Better Buildings Account Manager,
ICF International

Cara Bastoni serves as the Better Buildings Alliance Account Manager for the Food Service and Grocery sector and works for ICF International. At ICF, Cara has provided support to commercial building energy efficiency programs through work with the DOE Better Buildings Energy Data Accelerator, the Better Buildings Case Competition, and State and Local Energy Efficiency Action Network. She also supports the ENERGY STAR® program for Commercial and Industrial Buildings.

S. WILLIAM (BILL) BECKER, Executive Director,
National Association of Clean Air Agencies (NACAA)

Bill Becker is Executive Director of the National Association of Clean Air Agencies (NACAA), an association of State and local air pollution control agencies. He has been NACAA's first and only Executive Director and serves as the association's chief spokesperson and liaison with Congress, State and local officials, Federal officials, and public and private interest groups. Prior to joining NACAA, Bill worked for the Congressional Research Service of the Library of Congress, and directed the environmental affairs departments for two national associations. He has a degree in Civil Engineering from Syracuse University and a Master's degree in Environmental Engineering from Johns Hopkins University.

MICHAEL BENDEWALD, Senior Associate,
Rocky Mountain Institute

Michael Bendewald is a Senior Associate at Rocky Mountain Institute, providing programmatic and project management support to accelerate the adoption of commercial real estate strategies that dramatically reduce the consumption of fossil fuel and nuclear power. Michael has degrees in Philosophy and Engineering from Saint John's University and the University of Colorado at Boulder, respectively.

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KATHIA BENITEZ, Corporate Energy
Program Manager for Facilities, New York
Presbyterian Hospital

Kathia Benitez has been with New York Presbyterian Hospital (NYP) over the past 7 years serving as a Plant Operations Supervisor at the Westchester Campus. In her current role as the Corporate Energy Program Manager, Kathia manages an annual \$60 million utility budget and is responsible for identifying energy conservation opportunities, purchasing commodities, pursuing economic developing programs and energy efficiency grants, as well as managing NYP's energy use intensity and carbon footprint. She is a Certified Energy Manager, Certified Energy Procurement Professional, as well as a Leadership in Environmental and Energy Design Green Associate. Kathia has a Master's degree in Behavioral Health from Nyack College and is currently pursuing a Master's degree in Energy Management from New York Institute of Technology.

PETER BERGER, Guaranteed Energy Savings
Program Manager, Minnesota Department
of Commerce

Peter Berger is Program Manager for the Guaranteed Energy Savings Program for the Minnesota Department of Commerce. He is responsible for supporting State agencies, local units of government, school districts, and institutions of higher education in the development, implementation, and ongoing measurement and verification of Energy Savings Performance Contracts. His office works closely with the Energy Services Coalition to establish best practices for Energy Savings Performance Contracting implemented through the State's programs. Peter has more than 30 years of private sector experience in business development, marketing, and management with some of the Nation's prominent energy service companies. He has a B.A. in Finance and an MBA in Marketing from the University of St. Thomas.

IRA BIRNBAUM, Weatherization and
Intergovernmental Programs Office,
U.S. Department of Energy

Ira Birnbaum has led the Policy and Technical Assistance Team at the DOE/EERE/Weatherization and Intergovernmental Programs Office since October 2013. Previously, he was the

Energy Efficiency and Global Climate Change Coordinator at the U.S. Agency for International Development's Europe and Eurasia Bureau. Earlier, he consulted on energy efficiency and demand-side management for two consulting firms, and helped launch energy efficiency programs at Austin Energy and the Tennessee Valley Authority.

DAVID BORCHARDT, Chief Sustainability Officer,
The Tower Companies

David Borchardt is Chief Sustainability Officer of The Tower Companies. In his previous role as the Director of Sustainable Development, he integrated the company's green vision and LEED-certified projects. He ensures that Tower's environmentally conscious and sustainable development goals are incorporated into future and existing buildings and land development. David has 30 years of experience in many facets of the design and construction industry.

KELLY BOULTON, Sustainability Coordinator,
Allegheny College

Kelly Boulton is the Sustainability Coordinator at Allegheny College where she leads the development and implementation of efforts to achieve climate neutrality by 2020. Her work intersects with the administration, operations, curriculum, and students to promote innovative sustainability initiatives across the campus. Kelly graduated from Allegheny College with degrees in Environmental Science and Art and the Environment.

ANTONIO BOUZA, Technology Manager,
U.S. Department of Energy, Office of
Building Technologies

Antonio Bouza is a Technology Manager with DOE's Building Technologies Office. He is the emerging technology lead on HVAC, water heating, and appliances research. Antonio has a Bachelor's degree in Mechanical Engineering from the University of Maryland, College Park, and a Master's degree in Mechanical Engineering from Johns Hopkins University.

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NELL BOYLE, Sustainability Coordinator,
City of Roanoke

Nell Boyle, Sustainability Coordinator for the City of Roanoke, Virginia, is responsible for the energy performance data collection and analysis for all of the city's facilities, as well as community outreach regarding sustainability and green practices. She began her career in green building and sustainability 10 years ago as Executive Director of the green building nonprofit C2C Home. After completion of the C2C Home project, Nell was hired by Breakell Inc., a local contractor, as Director of Sustainable Practices, which included corporate sustainability, and she managed all LEED documentation and training.

LARRY BRACKNEY, Section Manager for
Controls and Analysis Tools for Commercial
Buildings Research, National Renewable Energy
Laboratory (NREL)

Larry Brackney is the Section Manager for Controls and Analysis Tools for Commercial Buildings Research at the National Renewable Energy Laboratory and leads the development effort for DOE's OpenStudio building energy modeling platform. He is a named inventor on more than 17 patents related to advance sensing and controls technology for the automotive and buildings sectors, and has helped develop controls rapid prototyping and production tools and processes for several Fortune 500 companies. Larry has B.S. and M.S. degrees in Mechanical Engineering from the Rose-Hulman Institute of Technology and a Ph.D. in Mechanical Engineering from Purdue University.

JON BRAMAN, Vice President of Portfolio Solutions,
Bright Power, Inc.

Jon Braman, Vice President of Portfolio Solutions with Bright Power, provides building portfolios with strategic consulting to save energy and water and reduce costs. He uses Bright Power's EnergyScoreCards™ software to help property owners, managers, and programs identify opportunities and take action. Jon has experience in energy auditing and efficiency upgrades, large-scale benchmarking studies, green building consulting, and energy monitoring and management. His extensive research on green buildings appears in *Greening our Built World: Costs, Benefits and Strategies* (co-authored with Greg Kats, Island Press, 2009).

WENDELL BRASE, Vice Chancellor for
Administrative and Business Services, University
of California, Irvine

Wendell Brase chairs the University of California's Climate Solutions Steering Group and leads an award-winning sustainability program in his role as Vice Chancellor for Administrative and Business Services at the University of California, Irvine. Under his leadership, UC Irvine earned a 2009 U.S. Environmental Protection Agency (EPA) Environmental Leadership Achievement Award and has been third on *Sierra* magazine's list of Top 10 Greenest Campuses for the past 4 years. Wendell has two degrees from the Sloan School of Management at the Massachusetts Institute of Technology.

MARC BRAUN, Executive Vice President of Sales
& Marketing, Cambridge Engineering

Marc Braun is the Executive Vice President of Sales and Marketing for Cambridge Engineering. He started his career with Dow Chemical 22 years ago. After working with Dow, Marc joined a Koch Engineering company serving the International Oil and Gas industry as their Director of Technical Advisors. He joined Cambridge Engineering in the High Efficiency HVAC market five years ago as their Chief Operating Officer and now travels North America speaking to engineers and owners on next generation heating and ventilation technologies. Marc holds a B.S. in Chemical Engineering.

WALT BROCKWAY, Manager of Global Energy
Efficiency, Alcoa, Inc.

Walt Brockway is the Manager of Global Energy Efficiency for Alcoa, Inc., located in Knoxville, Tennessee, where he is responsible for coordinating efforts within all Alcoa businesses and regions to improve energy intensity. He has held various energy and power roles at Alcoa for the past 29 years, including Power Engineer, Power Supervisor, and Power and Engineering Manager at the Alcoa Massena Operations. Prior to joining Alcoa, Walt was employed by General Electric's Nuclear Energy Business Operations and Niagara Mohawk Power Corporation. He has Bachelor's and Master's degrees in Electrical Engineering from Clarkson University. Walt is registered as a Professional Engineer in New York and is a Certified Energy Manager.

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SAM BROOKS, Associate Director, DC Department of General Service's Energy & Sustainability Division

Sam Brooks leads the District of Columbia Department of General Service's (DGS) Energy and Sustainability Division, where his team is creating a new model to reduce energy costs, carbon, and risk for cities. DGS' Energy and Sustainability Division manages energy supply and executes efficiency initiatives for the City's portfolio of real estate. It has several notable initiatives, including the leveraging of landmark data acquisition, providing transparent views of building energy performance, creating an off-site utility-scale wind farm, and deploying on-site solar. Sam was recently honored with the EPA 2014 Individual Climate Leadership Award.

KEVIN BUSH, Senior Analyst, U.S. Department of Housing and Urban Development

Kevin Bush is a Senior Analyst at the U.S. Department of Housing and Urban Development (HUD) where he focuses on implementing HUD's role in President Obama's Climate Action Plan, specifically leading efforts to expand the Better Buildings Challenge into the multifamily housing sector. He was previously responsible for multiple special projects on the President's Hurricane Sandy Rebuilding Task Force and served as a Climate Change Adaptation Analyst at the White House Council on Environmental Quality.

SHELBY BUSÓ, Director of Sustainability, Central Atlanta Progress, Inc.

Shelby Busó has been working on the Atlanta Better Buildings Challenge project since 2012, but transitioned just this year into her new role at Central Atlanta Progress, a local nonprofit and Community Improvement District. The Atlanta Better Buildings Challenge has received recognition locally and nationally for its successful implementation of DOE's Better Buildings Initiative, which can be largely attributed to the public-private partnerships in the region.

KERRY L. CAMPBELL, Manager of the Energy Policy and Technology Deployment Division within the Office of Pollution Prevention and Energy Assistance, Pennsylvania Department of Environmental Protection

Kerry Campbell is Manager of the Energy Policy and Technology Deployment Division within the Office of Pollution Prevention and Energy Assistance for

the Pennsylvania Department of Environmental Protection (DEP). He has previously worked in the Air Quality and Waste Management Programs for DEP. Kerry manages the State Energy Program, which involves developing and implementing programs, in coordination with DOE, to meet Pennsylvania's energy efficiency and renewable energy goals. He has an M.S. in Agronomy, a B.S. in Biology, and a B.S. in Environmental Resource Management, all from Penn State University.

HOLLY JAMESEN CARR, Fellow, Building Technologies Office, U.S. Department of Energy

Holly Jamesen Carr is a Fellow in the Building Technologies Office of DOE, where she works with corporate and higher education partners in DOE's Better Buildings Challenge, showcasing their efforts to reduce energy use across their building portfolios by 20 percent over 10 years. Prior to her work at DOE, Holly managed dozens of public, private, and Federal sustainability projects, assisting clients in implementing environmentally preferable strategies for building design, construction, and occupancy. She has an M.S. in Communications from the University of Washington, as well as degrees in French and Education from Miami University. Holly is a LEED Accredited Professional.

MASON CAVELL, Director of Energy Efficiency Programs, Community Housing Partners (CHP)

Mason Cavell serves as Director of Energy Efficiency Programs for Community Housing Partners (CHP), designing and managing programs to reduce energy consumption in the single and multifamily building sectors. Working with stakeholders in the public and private sectors, including utilities, government officials, and universities, he works to develop innovative financing and marketing solutions to overcome barriers to energy efficient retrofits. Mason serves as the lead for CHP in the Better Buildings Challenge and manages CHP's utility benchmarking and tenant behavior-based energy reduction programs. He has a Master's degree in Urban and Regional Planning from Virginia Tech.

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ELAINE CHANG, Deputy Executive Officer of Planning, Rule Development, and Area Sources, South Coast Air Quality Management District
Elaine Chang is Deputy Executive Officer of Planning, Rule Development, and Area Sources at the South Coast Air Quality Management District (SCAQMD). Her responsibilities include implementation of agency goals and policies in the areas of rulemaking; air quality forecasting and modeling; emissions inventories; CEQA and socioeconomic analyses; PM control strategies; and strategic planning related to toxics, area sources, and transportation programs. Prior to joining SCAQMD, Elaine was an environmental engineer for Bechtel Western Power Corporation from 1983 to 1987. She has a Doctorate in Public Health from Columbia University, a Master's degree in Health Education from New York University, and a Bachelor's degree in Environmental Health from National Taiwan University.

DEBORAH CLOUTIER, Principal and Co-Founder, JDM Associates

Deborah Cloutier has been providing consulting services in commercial real estate, energy management, and environmental sustainability for more than 20 years. As a Principal at JDM Associates, she provides support to the DOE Better Buildings Alliance as the commercial real estate expert interfacing with leading real estate firms and provides advisory services to overcome barriers to greater adoption of energy efficiency in multitenanted assets. Deborah has also supported EPA's ENERGY STAR program since its inception and helped EPA recruit more than 4 billion square feet of commercial real estate into the program. JDM is currently working with large national owners and managers of buildings to assist them in making strategic environmental management a standard business practice.

EDWARD CONNELLY, President, New Ecology, Inc.
Edward Connelly is President of New Ecology, an innovative environmental organization that serves as a catalyst for community-based sustainable development projects. He is founder and Treasurer of Wegowise, Inc., a data company whose Web-based tool is helping reduce energy use in portfolios of multifamily housing and now tracks usage in more than 200,000 units nationwide. Edward has provided project-based technical and financial expertise

on green building and energy efficiency for many thousands of units of new and existing housing. His recent work includes multifamily affordable projects that have achieved LEED Platinum certification or are approaching zero net energy.

SUSAN CORRY, Energy Manager, University of Maryland

Susan Corry is the Energy Manager at the University of Maryland, College Park, and has more than 20 years of experience in the energy industry. She serves on the advisory boards of the Maryland Clean Energy Center and Maryland Strategic Energy Investment Fund, and also is a member of DOE's Better Building Alliance Higher Education Steering Committee. Susan has a B.S. in Mechanical Engineering from the University of Colorado, Boulder.

DARIEN L. CRIMMIN, Vice President of Energy and Sustainability, WinnCompanies

Darien Crimmin serves as Vice President of Energy and Sustainability with WinnCompanies where he is responsible for managing a range of energy efficiency and renewable energy projects across Winn's portfolio of residential properties. In addition to multiple LEED Platinum-certified projects, Darien helped orchestrate the redevelopment of Castle Square Apartments, the largest deep energy retrofit in the United States and a showcase of successful green development.

ANDRE DE FONTAINE, Project Manager, U.S. Department of Energy, Advanced Manufacturing Office

Andre de Fontaine is a Project Manager in DOE's Advanced Manufacturing Office. At DOE, he manages the Better Buildings, Better Plants voluntary energy-savings partnership program for manufacturers. Prior to joining DOE, Andre served as a Markets and Business Strategy Fellow at the Pew Center on Global Climate Change, as well as a journalist in California, covering environmental policy in the State capital.

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MICHAEL DERU, Section Manager, National Renewable Energy Laboratory (NREL)

Michael Deru joined National Renewable Energy Laboratory (NREL) in 2000 and manages the Systems Performance section within the Commercial Buildings Research Group. He leads the Space Conditioning Project Team and the Advanced RTU Campaign for DOE's Better Buildings Alliance program, as well as managing projects on the development and testing of novel HVAC systems, building performance simulations, performance metrics for sustainability, source energy and emissions factors, water, and the U.S. Life Cycle Inventory Database. Prior to joining NREL, Michael worked as a Nuclear Plant Engineer with Westinghouse Electric Corporation, supporting the U.S. Naval Nuclear Power program.

LEIGH-GOLDING DESANTIS, Better Buildings Alliance Healthcare Sector Account Manager, ICF International

Leigh-Golding DeSantis serves as DOE's Better Building Alliance Healthcare Sector Account Manager where she supports members' efforts to improve the energy performance of their buildings. She also works with ENERGY STAR Energy Efficiency Program sponsors in the Mid-Atlantic region. Over the past few years, Leigh-Golding has provided project management and account management support to an array of private and public clients on energy efficiency and renewable energy projects and programs.

ALEX DEWS, Policy and Program Manager, City of Philadelphia Mayor's Office of Sustainability

Alex Dews is Policy and Program Manager for the City of Philadelphia Mayor's Office of Sustainability. His role focuses on project implementation and progress tracking for Greenworks Philadelphia, the city's comprehensive sustainability framework. In addition, he manages green building policy and the city's energy benchmarking and disclosure program. Alex has a Master's degree in Sustainable Design from Philadelphia University, where he is an Adjunct Professor in the School of Architecture.

ROBYN DEYOUNG, Policy Specialist, State and Local Climate and Energy Program, U.S. Environmental Protection Agency (EPA)

Robyn DeYoung has been with U.S. EPA's State and Local Climate and Energy Program for more than 4 years, where she works with States on the

nexus between energy efficiency and renewable energy programs and Clean Air Act requirements. She is the project lead for a new EPA tool called AVERT, which helps States estimate the air emissions of energy efficiency, solar, and wind programs. In 2012, Robyn was a lead co-author of EPA's Roadmap on Incorporating Clean Energy in State Implementation Plans. She has a B.A. in Environmental Science and an M.A. in Energy and Environmental Analysis from Boston University.

TYLER DILLAVOU, Consultant, Bonneville Power Administration

Tyler Dillavou is a consultant to Bonneville Power Administration. He provides support for emerging technologies assessment and policy development to empower managers of electric power infrastructure in the Pacific Northwest. Tyler has more than 10 years of experience with technology development in electric power industries. He is a graduate of the Energy and Resources Group at the University of California, Berkeley, and Pomona College.

JAKE DOWLING, Better Buildings Commercial Real Estate Account Manager, JDM Associates

Jake Dowling, Associate Consultant, joined JDM Associates in May 2013 as a Market Transformation Specialist focused on energy efficiency and sustainability in commercial real estate. He serves as the Commercial Real Estate Account Manager for DOE's Better Buildings Alliance, and the Commercial Sector Specialist for the EPA ENERGY STAR program. Jake helps develop programs to engage owners, operators, tenants, and brokers to implement sustainability. Jake also provides ENERGY STAR Portfolio Manager benchmarking guidance and technical assistance to some of the industry's largest institutional owners of real estate.

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ANNIE DOWNS, State Policy Research Analyst, ACEEE

Annie Downs joined the American Council for an Energy-Efficient Economy (ACEEE) in 2013. She is the lead author for the State Energy Efficiency Scorecard, and conducts research on energy efficiency resource standards and other State-level policies. Prior to joining ACEEE, Annie held an Environmental Defense Fund Climate Corps Fellowship at the Smithsonian Institution and spent time at the White House Council on Environmental Quality, where she focused on Federal climate and energy policy. She also served as a Peace Corps Volunteer in The Gambia, West Africa. Annie has a Master of Public Policy from Georgetown University and a B.A. in Environmental Sciences from the University of California, Berkeley.

MARSHALL DUER-BALKIND, Program Analyst, Government of the District of Columbia, Building Energy Benchmarking, Energy Administration, District Department of the Environment

Marshall Duer-Balkind manages the implementation of Washington, DC's Building Energy Benchmarking and Disclosure Program, and collaborates with other cities to share best practices. Prior to joining the District of Columbia Department of the Environment, he worked at the Connecticut Department of Environmental Protection. Marshall has a Master of Environmental Management degree from the Yale School of Forestry and Environmental Studies. He has a Bachelor of Political Science degree, with a minor in computer science, from Oberlin College.

KRISTA EGGER, Senior Program Director, Green Communities Initiative at Enterprise Community Partners

Krista Egger, a Senior Program Director of the Green Communities initiative at Enterprise Community Partners, manages the development and implementation of a national green training and technical assistance program to support affordable housing development teams. Previously, she directed Advanced Energy's Affordable Housing business unit, which provides programmatic and building science expertise. Krista led the award-winning, guaranteed-performance SystemVision program and consulting services with Enterprise Green Communities, Habitat for Humanity International, NeighborWorks, and utility clients.

JENNIFER ELLING, Energy Efficiency Product Portfolio Supervisor, Xcel Energy

Jennifer Elling has more than 20 years of experience in the energy efficiency, renewable energy, and environmental sectors. Currently, she is an Energy Efficiency Product Portfolio Supervisor for business programs at Xcel Energy and also manages the Business New Construction Energy Efficiency programs. Previously, she was a Regulatory Energy Policy Analyst with Xcel Energy and a Project Leader at the National Renewable Energy Laboratory. Jennifer has an Executive MBA, a Master of Environmental Policy and Law degree, and a B.S. in Economics.

KIM ERICKSON, Commercial Program Manager, Consortium for Energy Efficiency

Kim Erickson is a Commercial Program Manager with the Consortium for Energy Efficiency (CEE), focusing on the Commercial Kitchens and Whole Building Performance programs. Prior to joining CEE, Kim managed a commercial food service equipment dealership in upstate New York.

LAWRENCE FABINA, Manager of Continuous Improvement and Coordinator, ArcelorMittal USA Energy Reduction Program

Lawrence Fabina, during his 41 years in the steel industry, has held a series of managerial positions, ranging from Turn Supervisor to Plant Manager. In 2006, he was named Manager of Continuous Improvement and Coordinator of ArcelorMittal's USA Energy Reduction Program. Larry has a B.S. in Mechanical Engineering from Lafayette College and an MBA from the University of Chicago.

LARRY FALKIN, Director, City of Cincinnati's Office of Environment and Sustainability

Larry Falkin has served since 2007 as Director of the City of Cincinnati's Office of Environment and Sustainability. In that position, he leads the development and implementation of sustainability programs, ensures the city's compliance with environmental regulations, and oversees recycling services for city residents. Larry has more than 25 years of experience as an environmental professional, including positions with the City of Kansas City, Missouri, and EPA. Larry has a B.A. from Binghamton University and a J.D. from Pace University.

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KRISTIN FIELD, Mechanical Engineer, National Renewable Energy Laboratory (NREL)

Kristin Field joined the National Renewable Energy Laboratory (NREL) in January 2009. Her expertise is in collaborating with industry partners to identify feasible energy efficiency strategies, and using EnergyPlus computer simulation. She works on data access and energy management issues via the Better Buildings Energy Data Accelerator, as well as DOE's pilot program to launch ISO 50001 energy management in the commercial buildings sector, and project work with the Restaurant Project Team of the DOE Better Buildings Alliance. Prior to joining NREL, Kristin worked in consulting for Architectural Energy Corporation in Boulder, Colorado. She has an M.S. in Engineering from the University of Colorado at Boulder, a B.S. in Civil Engineering from the University of Texas at Austin, and a B.A. in Sociology and Spanish from Rice University.

DON FISHER, Principal, Fisher Consultants, LLC

Don Fisher, Principal of Fisher Consultants, LLC, formerly President of Fisher-Nickel, Inc., provides ongoing technical and management consulting services to the PG&E Food Service Technology Center in San Ramon, California. The program is funded by California utility customers and administered by the Pacific Gas and Electric Company under the auspices of the California Public Utilities Commission. He has a comprehensive background in energy conservation and energy efficiency facility design and equipment research that is specific to the food services sector. Don has a B.Sc. and M.Sc. in Mechanical Engineering from the University of Manitoba, Canada.

JAY FISKE, Vice President of Business Development, Powerhouse Dynamics

Jay Fiske is a technology executive and investor with 20 years of experience building businesses and bringing innovative and emerging technology products to market. As Vice President of Business Development for Powerhouse Dynamics, he has responsibility for market channel development and strategic partnerships, service offerings, product management, and product deployment services. Before joining Powerhouse Dynamics, Jay was actively involved in numerous technology start-ups, both through his consulting firm, 5312

Consulting, LLC, and as Vice President of Operations for Wakonda Technologies. He has an MBA and an M.S. in Mechanical Engineering from the Massachusetts Institute of Technology, and a B.S. in Mechanical Engineering from Yale University.

ERIC FITZER, Senior Energy Programs Manager, Arizona Governor's Office of Energy Policy

Eric Fitzer is the Senior Energy Programs Manager for the Arizona Governor's Office of Energy Policy. In this role, he is responsible for encouraging energy efficiency in State buildings, identifying grant funding opportunities for energy projects and promoting utility-scale solar energy growth. Eric has worked with the Arizona State Procurement Office to establish a list of prequalified Energy Performance Contractors, is spearheading the establishment of a revolving energy efficiency development fund, and was a major contributor to the Arizona master energy plan entitled emPOWER Arizona. Eric has a Bachelor's degree in Urban Planning from Arizona State University and more than eight years of experience in municipal government, specializing in land use and economic development.

ASA FOSS, LEED Residential Technical Development Director, U.S. Green Building Council

Asa D. Foss is an expert in building science, home construction, and energy efficiency. At the U.S. Green Building Council (USGBC), he is responsible for the development of the Residential LEED rating systems. Asa consults with the advocacy and policy department on residential energy efficiency and green building legislation, and represents USGBC on numerous national home energy efficiency committees. Prior to his current position, he designed and managed Maryland's award winning Home Performance with ENERGY STAR program. While running the program, he also spent time in the field training over 150 energy auditors and energy retrofit contractors.

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ERIC FRIEDMAN, Director of the Leading by Example Program, Massachusetts Department of Energy Resources

Eric Friedman is the Director of the Leading by Example (LBE) Program, a statewide “Greening the Government” program established in 2007 by Massachusetts Governor Deval Patrick’s Executive Order No. 484. The LBE Program works with dozens of large State agencies, along with the 29 public colleges and universities, to develop and implement environmental programs that result in lower energy and water consumption, reduced waste generation, disposal of fewer toxic materials, and greater resource conservation. Eric has overseen the development of a new green building standard for all new State government construction projects, created the State’s first comprehensive greenhouse gas inventory for State facilities, and helped develop the first in the Nation public sector Computer Power Management Standard. He received a B.A. in Political Science from Middlebury College and an M.A. in Environmental Policy from Tufts University.

SANDY GLATT, Project Manager, U.S. Department of Energy

Sandy Glatt is a Project Manager at DOE and is responsible for the development and delivery of programs in the area of industrial energy efficiency, focusing primarily on developing partnerships with State, local, and regional energy efficiency organizations, as well as engaging utilities. Sandy is a staff lead for the State and Local Energy Efficiency Action Network’s (SEE Action) Industrial Energy Efficiency and CHP Working Group, and is leading the new Better Buildings Initiative Industrial Strategic Energy Management Ratepayer-funded Accelerator.

JUSTIN GORE, Energy Manager, Saint-Gobain North America

Justin Gore is the Energy Manager for Saint-Gobain North America. He is responsible for the overall corporate energy management program covering more than 250 manufacturing and distribution sites across a dozen distinct businesses. Justin has 13 years of experience in engineering design, analysis, and master planning for commercial, institutional, and industrial applications.

JESSICA GRANDERSON, Deputy of Research Programs for the Building Technology and Urban Systems Department, Research Scientist, Lawrence Berkeley National Laboratory

Jessica Granderson serves as a research scientist with the Lawrence Berkeley National Laboratory, where she is a member of the Commercial Buildings and Lighting research groups. Her research focuses on intelligent lighting controls and building energy performance monitoring and diagnostics. Jessica has a Ph.D. in Mechanical Engineering from the University of California, Berkeley, and an A.B. in Mechanical Engineering from Harvard University.

MATTHEW GRAY, Director, City of Cleveland

Matt Gray works to integrate sustainability into the City of Cleveland’s municipal operations and the larger community through the Sustainable Cleveland 2019 initiative, a 10-year drive to create a thriving green city on a blue lake. Before joining the city in January 2012, Matt completed a U.S. Fulbright Fellowship in Mauritius, where he researched climate change effects and adaptation governance. Prior to receiving this grant, he served 4 years with DOE as Chair of two interagency working groups on green building and greenhouse gas management.

JASON GREENBERG, Lead Mechanical Engineer, McDonalds

Jason Greenberg is Lead Mechanical Engineer at McDonald’s USA. During Jason’s time at McDonald’s, his responsibilities have evolved from working on site-specific projects, managing prototype designs, driving water and energy efficiency improvements in restaurants, and developing strategies around offset technologies such as solar. Jason has a Bachelor’s degree in General Engineering from the University of Illinois at Urbana-Champaign.

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JEFFREY GREENBERGER, Chief Operating Officer,
[Affordable Community Energy](#)

Jeffrey Greenberger is a founding partner at Affordable Community Energy and has spent most of his career in the private sector in commercial real estate services, as a lawyer and as a consultant. Before leaving Jones Lang LaSalle after more than 17 years, he was the co-founder and co-head of its Public Sector practice, where he worked on ABLA Public Housing redevelopment in Chicago, among other projects. Jeffrey has an M.S. in Journalism from Northwestern University and a J.D. from Columbia University School of Law.

JAMES GUANG, President, [ISOCKETTS, INC](#)

James Guang is the founder and President of iSockets, Inc. He is the inventor, developer, and manufacturer of iSockets smart power strips for energy savings. James has a B.S. and Ph.D. from Tsinghua University in China.

SAM GUNDERSON, Conservation Specialist,
[City of Fort Worth](#)

Sam Gunderson is currently a Conservation Specialist for the City of Fort Worth, which primarily entails project management related to energy efficiency, the Fort Worth Better Buildings Challenge, and fostering community relations. Outside of his work with the city, he is involved in multiple Fort Worth initiatives, including Steer Fort Worth, the Downtown Fort Worth Inc. Housing Committee, the Fort Worth Chamber of Commerce Central Area Committee Board, and the Tarrant Area Food Bank FeedForward program. Sam has a degree in Environmental Earth Resources, with a Business minor, from Texas Christian University.

DON HAAS, Director of Operations, [Brandywine Realty Trust](#)

Don Haas has been the Director of Operations for the 1.2-million-square-foot Three Logan Square office building in Center City, Philadelphia, since its inception in 1990. With more than 30 years in the property management field, he possesses extensive building operational experience, as well as tenant fit-out construction. Don has a B.S. in Business Management from Rutgers University and is a graduate of Ryder Technical Institute.

EDWARD HALL, Senior Project Manager,
[New York Presbyterian Hospital](#)

Edward F. Hall, P.E. CHFM is a Senior Project Manager at New York Presbyterian Hospital. He is a leader of the Facilities Design and Construction Engineering Group with responsibility for design, construction, and installation of infrastructure upgrades to insure continued reliability of utilities on the campus. Edward has 30 years' experience in chiller and boiler utility plant programs, as well as normal and emergency power distribution and systems.

DEBRA HALL, Sustainability Program Developer,
[Massachusetts Dept. of Housing & Community Development \(DHCD\)](#)

Debra Hall serves as Sustainability Program Developer at the Massachusetts Department of Housing and Community Development (DHCD), coordinating efforts to help more than 200 housing authorities sustainably renovate 45,000 units of State-aided public housing. She also promotes the use of green technologies and building materials, construction methods, and maintenance practices. Debra acts as agency representative to the statewide Energy Efficiency Advisory Council and she served on the Zero Net Energy Buildings Task Force. Prior to DHCD, she worked on corporate sustainability reporting, waterfront redevelopment, and airport master planning. Debra has a Master's degree in City and Regional Planning from Harvard University and a B.A. from Williams College.

CHAD HARRELL, Director of Sustainability and
[Energy Solutions, Lend Lease, Military Housing Privatization Initiative and Privatized Army Lodging](#)

Chad Harrell serves as the Director of Sustainability and Energy Solutions and oversees energy security and solutions integration across development, design/construction, and operations/asset management core functions for Lend Lease's Military Housing Privatization Initiative and Privatized Army Lodging. He also serves as the program lead for Lend Lease's partnership with Better Buildings Challenge to reduce an annual 780 million-kWh demand consumption by 20 percent across 42,000 homes. In this role, Chad oversees the strategy and delivery of comprehensive energy efficiency and renewable energy generation solutions across a vast portfolio of more than 63 million square feet.

(Alphabetical Order)

MERRILEE HARRIGAN, Senior Education Advisor,
[Alliance to Save Energy](#)

Merrilee Harrigan is the Senior Education Advisor at the Alliance to Save Energy. She has directed the Alliance's educational programs for 20 years. Her accomplishments include developing the Alliance's successful PowerSave Schools and PowerSave Campus programs and directing their implementation in seven States and India, Ghana, and Serbia. Prior to her tenure at the Alliance, Merrilee educated consumers and students throughout the Tennessee Valley Authority, Edison Electric Institute, and the University of Massachusetts Energy Office.

SARA HAYES, Senior Manager, [ACEEE](#)

Sara Hayes has more than 15 years of experience analyzing energy and environmental policy. She is a published author in the area of incentive-based regulation and has authored numerous research reports. As a Senior Manager at the American Council for an Energy-Efficient Economy, Sara conducts analysis of national and international energy efficiency policies and regulations, and manages the organization's efforts to advance the use of energy efficiency as an air quality compliance tool. Sara has a B.A. in Environmental Studies from Lewis and Clark College and a J.D. from Fordham University School of Law.

BEN HEALEY, Senior Manager, [Clean Energy Finance and Investment Authority](#)

Ben Healey joined the Clean Energy Finance and Investment Authority in 2012 in order to support the development of financing and marketing initiatives that can accelerate the deployment of clean energy and energy-efficient solutions across Connecticut. Earlier in his career, he served as the Staff Director to the Committee on the Environment and Natural Resources in the Massachusetts State legislature. Ben has degrees from the Yale School of Management, Yale School of Forestry and Environmental Studies, and Yale College.

JOHN HEALY, Operations Manager, [Aramark Tower, Kennedy Wilson Properties](#)

John Healy has been with Kennedy Wilson Properties since 2008, serving as Operations Manager at Aramark Tower in Center City, Philadelphia. He is responsible for the day-to-day operation of the 650,000-square foot,

32-story marquee office tower. He has been a driving force in Kennedy Wilson's efforts to utilize technology to achieve ongoing energy efficiencies. John is a graduate of the CHI Institute.

PHILIP HENDERSON, Senior Financial Policy Specialist with the [Center for Market Innovation, Natural Resources Defense Council](#)

Philip Henderson is a Senior Financial Policy Specialist with the Center for Market Innovation at the Natural Resources Defense Council. He works with market participants, utilities, and government agencies to increase the energy efficiency of buildings. Philip's work has focused on how to use financing tools to effectively enable investments in energy efficiency, and how new information technologies can improve the ability of owners, tenants, and others to improve efficiency. He recently published a report on real-time energy management in commercial office buildings and is working on how these lessons learned might be applied by utilities for their commercial customers. Philip has a J.D. from the University of Virginia.

LORI HERRICK, Energy Management Administrator, [Virginia Beach](#)

Lori Herrick works to analyze and reduce energy consumption, its associated expenses, and in other key energy areas for the City of Virginia Beach. She is certified by the U.S. Green Building Council as a LEED Accredited Professional and led the team that received the first LEED Gold certification in 2010 for the Virginia Beach Convention Center. Lori participates in a number of committees including the City's Joint Energy Committee focusing on municipal energy issues, Hampton Roads Planning District Commission's Energy Group, and the Department of Interior's Offshore Wind Task Force. She received her undergraduate degree in business administration from Youngstown State University and her Master's degree in Business Administration from Old Dominion University. Lori is a veteran of Operation Desert Storm.

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LIONEL HILL, Chief of Energy Records and Verification, Maryland Department of General Services

Lionel Hill currently serves as Chief of Energy Records and Verification at the Maryland Department of General Services' Office of Energy Performance and Conservation. His oversight of Maryland's EPC measurement and verification program, as well as involvement in managing the State's extensive deregulated energy portfolio, led him naturally to conceive, promote, and ultimately sell State officials on the need for a comprehensive utility records database. Prior to joining the State of Maryland, Lionel had careers with a major ESCO and a regulated utility.

DAVID HODGINS, Executive Director, Los Angeles Better Buildings Challenge

David Hodgins spent three and a half years as Commercial Sector Project Development Manager with the Clinton Climate Initiative's Energy Efficiency Building Retrofit Program before moving on to found Sustento Group, LCC, a consultancy offering advisory services to public, private, and institutional clients interested in rolling out large scale energy efficiency programs. He currently manages the Los Angeles Better Buildings Challenge, and is consulting to Los Angeles County in the roll out of its Commercial PACE Financing Program. David has consulted on the development of over 50 million square feet of resource efficiency projects, and is currently consulting with various government agencies to develop and implement programs to accelerate the commercial efficiency retrofit market.

BOB HOLESKO, Vice President of Construction/Vice President of Facilities, HEI Hotels and Resorts

Bob Holesko is Vice President of Construction/Vice President of Facilities with HEI Hotels and Resorts. In his current position with HEI, he is responsible for more than 40 upper-upscale branded hotels (Marriott, Starwood, and Hilton), totaling more than 10 million square feet of space valued at \$2.5 billion. HEI is a charter member of DOE's Better Building Challenge. Bob's energy-savings programs and best practices have reduced energy consumption more than 30 percent at HEI since 2005, saving an estimated \$5 million annually. Bob is a graduate of Niagara County Community College, a Certified Energy Manager, a Certified Energy Auditor, and a U.S. Navy veteran.

TOM HOOTMAN, Director of Sustainability, RNL

Tom Hootman is an architect, author, and the Director of Sustainability at RNL, headquartered in Denver, Colorado. He is passionate about designing high-performance buildings that are resource effective, healthy, beautiful, and transformational to the communities they serve. Tom has worked on several net zero energy projects, including three buildings for the National Renewable Energy Laboratory, a campus for the Sacramento Municipal Utilities District, a net zero energy and water prototype office tower in Singapore, and a net zero energy community in Denver, Colorado. Tom's new book is titled *Net Zero Energy Design: A Guide for Commercial Architecture*.

DAVID JACOT, Director of Efficiency Solutions, Los Angeles Department of Water & Power (LADWP)

David Jacot, P.E., is Director of Efficiency Solutions for the Los Angeles Department of Water and Power. LADWP operates the largest public power portfolio of energy efficiency programs in the Nation, comprising of a broad array of energy resource acquisition and market transformation programs serving LADWP's customers and trade ally networks. In this role, David oversees all aspects of LADWP's offerings and strategies designed to overcome market barriers to the comprehensive adoption of energy efficiency by LADWP's customers. David has a Bachelor's degree in Mechanical Engineering from the University of Oklahoma, and a Master's degree in Urban and Regional Planning from California State Polytechnic University, Pomona.

JOHN JAMESON, Better Buildings Account Manager, ICF International

John Jameson assumed the role of Account Manager for DOE's Higher Education sector in October 2013 and works for ICF International in Washington, DC. At ICF, John serves as Higher Education Account Manager for the Better Buildings Challenge program in addition to supporting ENERGY STAR and greenhouse gases inventory work. Prior to joining ICF, John worked with Pittsburgh-based Higher Education Climate Consortium by assisting campus greenhouse gas inventories and energy efficiency projects, coordinating outreach and communications, and providing research support to the 11-school group. John also helped to co-author Pittsburgh's second Climate Action Plan in 2011.

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CHRIS JEDD, Portfolio Energy Manager, The Housing Authority of the City and County of Denver

Chris Jedd is responsible for the primary oversight of the development and implementation of Denver Housing Authority's (DHA) energy management programs, including efficiency, renewables, measurement and verification, operations and maintenance, and occupant engagement. Chris's recent projects include an \$11 million self-managed energy performance contract and a 2.5 megawatt power purchase agreement (PPA) throughout DHA's portfolio. Prior to joining DHA, Chris gained experience in sustainability and real estate including the development of over \$50 million of multifamily properties. Chris has a M.S. in Real Estate from the University of Denver and is LEED AP BD+C certified.

AMY JIRON, U.S. Department of Energy, Building Technologies Office

Amy Jiron has been with DOE's Office of Energy Efficiency and Renewable Energy for nearly 5 years. In the Building Technologies Office, she works to advance the commercial building technology deployment strategy across Federal agencies, utilities, and with the Better Buildings Technology Solutions Teams. Prior to working with DOE, she served as the Executive Director of the U.S. Green Building Council Colorado Chapter and as a Building Energy Engineer. Amy has a J.D. from the Washington College of Law at American University, and a B.S. in Architectural Engineering from the University of Colorado in Boulder. She has practiced law in Colorado and Washington, D.C., and has worked in sustainable design and energy services contracting in Colorado and California.

QUINN KELLIS, Assistant Superintendent, Dysart Unified School District

Quinn Kellis of Surprise, Arizona, is the Assistant Superintendent for the Dysart Unified School District, which has approximately 26,000 students, and currently oversees District Operations in Facilities, Athletics, Transportation, and Food Services. Under his leadership, Dysart is a Showcase District for the Better Buildings Challenge, and last year installed solar panels on 22 school and district sites (a 10.4MW project). Quinn has degrees from Arizona State University, Chapman University, and Brigham Young University.

MONA KHALIL, Policy Advisor, U.S. Department of Energy

Mona Khalil, Policy Advisor at the U.S. Department of Energy, works with State and local governments across the U.S. to assist them in accelerating the deployment of energy efficient and renewable energy technologies and practices across their public and private sectors. She is collaborating with State and local governments to identify and characterize replicable solutions and best practices in energy data management to support energy efficiency policy adoption and program implementation. Mona holds a Ph.D. in Biochemistry from Columbia University, and a Bachelors of Science in Chemistry from the University of Nevada, Las Vegas.

BRUCE KINZEY, Director, Municipal Solid-State Street Lighting Consortium (MSSLC), Pacific Northwest National Laboratory

Bruce Kinzey has been working with the DOE Solid-State Lighting Program since 2006, and established the Municipal Solid State Lighting Consortium (MSSLC) as part of the GATEWAY SSL Technology Development Program in 2009. MSSLC has since grown to more than 430 member organizations, represented by more than 1000 individuals. Bruce stepped into the Director's position in April 2014.

OLAYINKA KOLAWOLE, U.S. Department of Energy Sunshot Initiative

Olayinka Kolawole supports DOE's SunShot Initiative on a variety of projects geared toward increasing PV deployment in the U.S. mid-sized solar market where system sizes can range from approximately 20kW to 2MW, and hosted in a wide variety of properties. Prior to working with the SunShot office, Olayinka managed the District of Columbia's Renewable Energy Incentive Program. He has a Bachelor's degree in Electrical Engineering and a Master of Science in Economics.

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CONSTANTINE E. KONTOKOSTA, Deputy Director, NYU Center for Urban Science and Progress, Director, NYU Center for the Sustainable Built Environment, Associate Research Professor, Civil and Urban Engineering, NYU-Poly

Constantine E. Kontokosta, P.E., is Deputy Director of the New York University (NYU) Center for Urban Science and Progress, the Founding Director of the NYU Center for the Sustainable Built Environment, and an Associate Research Professor in the Civil and Urban Engineering Department of the NYU Polytechnic School of Engineering. He has worked extensively on applied data science projects with numerous city agencies and international organizations, most recently conducting the data analysis for the landmark NYC Local Law 84 Building Energy Benchmarking reports. Constantine has a Ph.D., M.Phil., and M.S. in Urban Planning, specializing in urban economics, from Columbia University; an M.S. in Real Estate Finance from New York University; and a B.S.E. in Civil Engineering Systems from the University of Pennsylvania.

HENRY KURTH, Associate Director, Energy Resources Center, University of Illinois at Chicago

Henry Kurth, Associate Director of the Energy Resources Center at the University of Illinois at Chicago since 2003, manages several major programs, works closely with the Illinois State Energy Office on public sector utility incentive programs, and is active in Illinois and regional energy efficiency partnership efforts. Prior to his work at the Energy Resources Center, Henry was Director of the Illinois State Energy Office for more than 15 years and was responsible for developing many of the State of Illinois' energy efficiency and renewable energy programs. He is a founding member of the National Association of State Energy Officials and the Midwest Energy Efficiency Alliance. Henry is a graduate of the University of Wisconsin at Madison.

GREG LEVENTIS, Senior Research Associate, Lawrence Berkeley National Laboratory

Greg Leventis is a Senior Research Associate in both the Electricity Markets and Policy group and the International Energy Studies group at Lawrence Berkeley National Laboratory. He conducts research and analysis on demand side efficiency promotion, including global incentive program design and

analysis, electricity tariff subsidies, tariff design, and on-bill financing for energy efficiency. His past work experience includes consulting with the California Public Utilities Commission and the San Francisco Public Utilities Commission. Greg holds a Master's of Public Policy from the Goldman School of Public Policy at the University of California, Berkeley, a B.A. in Economics from the University of Florida, and studied the General Course at the London School of Economics.

STEVEN LIU, Director of Strategic Sourcing Legrand North America, Electrical Wiring Systems Division

Steven Liu is Director of Strategic Sourcing in the Electrical Wiring Systems (EWS) Division of Legrand in North America. Partnering with EWS business general managers and functional leaders, he is responsible for development and execution of the business's global sourcing strategy. He comes to Legrand with more than 20 years of operations, sourcing, and supply chain management experience. Steve has an M.S. in Global Supply Chain Management from Indiana University, an MBA from Yale University, and a B.S. in Materials Engineering from Rensselaer Polytechnic Institute.

GARY LONDO, Senior Energy Engineer, General Motors Corporation

Gary Londo is the Senior Energy Engineer at General Motors Corporation (GM) and works in the Global Facilities Engineering Group located in Warren, Michigan. He is also a member of the GM/UAW Global Facilities Engineering Joint Task Team for improving the company's energy performance. Gary has worked for GM for 12 years in various roles before moving to a utility and energy function 5 years ago. He is an active member of the Automotive Industry Action Group, Supplier Partnership. Prior to working for GM, Gary served in the U.S. Navy and was certified to manage the operation and maintenance of nuclear power systems. He has degrees in Electromechanical Technology and Business Management, and is currently pursuing a Master's degree in Environmental Science at the University of Denver.

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JAXON LOVE, Sustainability Program Manager,
Shorenstein Realty Services

Jaxon Love is the Sustainability Program Manager for Shorenstein Realty Services. He is responsible for running Shorenstein's comprehensive in-house sustainability program, which includes the company's corporate operations, as well as all properties under management. Prior to joining Shorenstein, Jaxon was a Fellow with the Environmental Defense Fund's Climate Corps program and has also held positions at Pacific Gas and Electric Company and EcoNorthwest, an economic consultancy. He has an MBA in Sustainable Business and a Master's degree in Accounting from the University of Oregon.

CHRIS MAGEE, Director of Sustainable Facility
Development, MGM Resorts International

Chris Magee is the director of sustainable facility development at MGM Resorts International. He conducts technology reviews and manages the selection, procurement, and implementation of MGM Resorts conservation projects pertaining to natural gas, electricity, water, and renewable energy applications. Magee has helped develop comprehensive sustainability plans for property operations and manages an employee environmental awareness education campaign. In 2009, he joined the Conservation District of Southern Nevada Board of Supervisors as the appointed incorporated cities representative.

PAM MAINES, Vice President, Pepco
Energy Services

Pam Maines has had a 14-year career at Pepco Energy Services in addition to her 9 years of service at sister-company, Pepco, the regulated electric utility serving the Washington, DC metropolitan area. In her present role, Pam provides executive leadership of the business development activities for the energy solutions and services provided nationally to Federal, State, and local governments, K-12 school systems, and higher education/institutional clients. In 2011, Pam became the Project Executive for the Architect of the Capitol Combined Heat and Power (CHP) design effort. This project is an on-going initiative by the Federal Government to enhance reliability, improve emissions from the central plant, and improve overall efficiency through the use of the General Services Administration (GSA) area-wide contract.

KATE MARKS, Managing Director, National
Association of State Energy Officials

Kate Marks serves as a resource for and about State and Territory Energy Offices, advocating State energy interests to Congress and Federal agencies, and facilitating peer learning among the States. She oversees NASEO's regional, buildings, fuels and grid integration, energy security, transportation, and industrial programs and committees. Kate works extensively with energy policy and industry organizations, trade groups, nonprofit organizations, and Federal agencies, and serves on the boards of the National Energy Education Development Project and the National Coalition on Electricity Policy. Kate holds a Bachelor of Business Administration from James Madison University and a Master of Resource Law Studies in energy law and policy from the University of Denver Sturm College of Law.

MAGGIE MCCAREY, Building Efficiency Program
Coordinator, Commonwealth of Massachusetts,
Department of Energy Resources

Maggie McCarey is a Program Coordinator with the Leading by Example Program at the Massachusetts Department of Energy Resources (DOER), which is a comprehensive greening State government initiative that oversees progress toward the aggressive energy and greenhouse gas reduction targets set forth by the Governor of Massachusetts in 2007. She also oversees DOER's contract for a first-in-the-Nation Enterprise Energy Management System, helping public facilities gain insight and better manage facilities through operational energy usage data. Formerly, Maggie was a fellow with DOER, managing Massachusetts' ARRA State Energy Program grant.

JIM MCCLENDON, Director of Systems Engineering
for Design & Construction, Walmart Stores, Inc.

Jim McClendon is a mechanical engineer and Director of Systems Engineering for Design and Construction at Walmart Stores, Inc. He joined Walmart to develop new prototype store designs and retrofit strategies to reduce total energy consumption in new construction and the existing store base. In the spring of 2013, Walmart stated a new energy goal to install seven billion kilowatts of renewable energy and reduce the global building footprint energy intensity in kilowatt hours per square foot 20 percent by 2020. Jim leads a team in response to the energy reduction component of this goal.

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JEFF MCCULLOUGH, Senior Research Engineer
within the Advanced Lighting Team, Pacific
Northwest National Laboratory (PNNL)

Jeff McCullough is a Senior Research Engineer within the Advanced Lighting Team and has been with Pacific Northwest National Laboratory for 14 years. His main area of focus is commercializing energy-efficient technologies, particularly lighting and HVAC systems. Jeff led development of the first-ever ENERGY STAR criteria for solid-state lighting and operates the Automated Long-Term Facility that tests submissions for DOE's L-Prize™ competition. Currently, he is working in DOE's Better Buildings Alliance and Federal Energy Management Program to move advanced lighting technologies into the de facto position for facility owners. Jeff has a B.S. in Mechanical Engineering and a B.A. in Business Administration.

CRYSTAL MCDONALD, Policy Advisor,
Weatherization and Intergovernmental Programs
Office (WIP), U.S. Department of Energy

Crystal McDonald is a Policy Advisor in the Weatherization and Intergovernmental Programs Office (WIP) at DOE. Her primary role is to identify, prioritize, and accelerate the adoption of policies and practices that transform markets targeted by WIP's State and local government initiatives. Crystal supports strategies and programs that develop sustainable communities, install clean energy technologies, and reduce greenhouse gas emissions. Currently, she is the DOE Lead working with the Better Buildings Challenge partners in the K-12 Education sector. Crystal has a Master's degree in Energy and Environmental Management from The George Washington University and a B.S. in Architectural Engineering from North Carolina A&T State University.

CHUCK MCKINNEY, Vice President, Marketing,
Aircuity, Inc.

Chuck McKinney is the Vice President of Marketing for Aircuity and has responsibility for all of the company's marketing and business development, focusing on ways to improve the development and implementation of airside efficiency projects and programs. Chuck comes to Aircuity with more than 25 years of sales and marketing

experience. He held a wide variety of sales and marketing positions for Intel Corporation over a 15-year career, including the development and implementation of sales and marketing strategies for the government marketplace. Chuck is a graduate of Purdue University.

MARTA MILAN, Associate Consultant, Waypoint
Building Group

Marta Milan is an Associate Consultant at Waypoint Building Group, a rapidly growing commercial energy efficiency company where she leads energy efficiency tasks covering energy efficiency finance, workforce training, and technology campaign development. Prior to joining Waypoint, Marta worked as a Senior Consultant on Booz Allen Hamilton's Energy Analytics Team and as a Program Analyst for DOE's Office of the Chief Financial Officer. Marta has a B.S. in Biological Engineering with a minor in Science Technology and Society from the Massachusetts Institute of Technology.

NATE MITTEN, Manager of Energy Services,
Kimco Realty Corporation

Nate Mitten serves as Manager of Energy Services at Kimco Realty Corporation, owner of the largest fleet of neighborhood and community shopping centers in the United States. In his role, he plans and implements a series of energy related initiatives aimed at improving the environmental and economic performance of Kimco's shopping centers. Prior to his current role, Nate consulted with property owners and managers on green building design, HVAC controls optimization, retro-commissioning, building operations and maintenance, lighting retrofits, and solar energy systems. Nate holds a Ph.D. and M.S. from the Mechanical and Aerospace Engineering Department at the University of Florida and a B.S. in Engineering from Messiah College in Grantham, PA.

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KEVIN MOYER, Executive Director – Energy Programs, Toledo-Lucas County Port Authority
Kevin Moyer serves as the Executive Director of Energy Programs with the Toledo-Lucas County Port Authority. He leads the start-up, program management, and implementation of alternative energy and energy efficiency financing, services, and development programs for commercial markets. Kevin's diverse general management career spans more than 20 years in senior executive roles in companies from start-up to Fortune 500 in Alternative Energy and Energy Efficiency, Financial and Business Services, High Technology, and Automotive markets. Kevin has a Management degree from the University of Findlay and an Executive MBA from Bowling Green State University.

CLAY NESLER, Vice President, Global Energy and Sustainability, Johnson Controls Inc.
Clay Nesler is the Vice President, Global Energy and Sustainability for Johnson Controls. In this role, he is responsible for energy and sustainability strategy, policy, public affairs, and the Johnson Controls Institute for Building Efficiency. He also serves on the company's global environmental sustainability council. Since joining Johnson Controls in 1983, Clay has held a variety of leadership positions in research, product development, marketing and strategy in both the United States and Europe. Clay received B.S. and M.S. degrees in Mechanical Engineering from the University of Illinois at Urbana-Champaign and is a co-inventor on 11 patents.

GEORGIA NESSELRODE, Director of Local Government Services, Mid-America Regional Council (MARC)
Georgia Nesselrode is Director of Local Government Services for the Mid-America Regional Council (MARC). She has been with MARC since 1996 and has been associated with local governments during her entire 37-year career. Georgia serves as MARC's liaison to city/county managers and oversees MARC's shared services programs, such as cooperative purchasing and training. She also administers key Federal grants for MARC, which has included three grants from DOE. She has a B.S. in Management, an MBA, and a Ph.D. in Education, Policy, and Leadership.

LISA NG, Mechanical Engineer, National Institute of Standards and Technology, Indoor Air Quality and Ventilation Group
Lisa Ng is a Mechanical Engineer in the Indoor Air Quality and Ventilation Group at the National Institute of Standards and Technology. Her work is focused on airflow and indoor air quality performance in buildings, with an emphasis on low energy buildings, as well as energy efficiency design and operations strategies in general.

MELVILLE NICKERSON, Illinois
Melville Nickerson leads a team that specializes in programs and policies that spurs the development of Illinois' Green Economy. He has led several key initiatives that include managing the formation of a clean tech investment fund, an energy storage initiative, a building codes enhancement program that encourages increased compliance with Illinois' energy efficient building code, an energy efficiency wastewater treatment plant program, and expansion of the annual recycling budget as a means of furthering economic development and to offset greenhouse gas emissions.

SHARON NOLEN, Manager, Corporate Energy Program, Eastman Chemical Company
Sharon Nolen is the Manager of the Corporate Energy Program for Eastman Chemical Company and is responsible for the distribution of utilities at Eastman's plant in Kingsport, Tennessee, one of the largest chemical facilities in the United States. Under her leadership, Eastman has been recognized by EPA for three consecutive years as an ENERGY STAR Partner of the Year, culminating with the Sustained Excellence Award in 2014. Sharon previously worked at EPA's research facility in Research Triangle Park, North Carolina. She has a B.S. in Chemical Engineering from Tennessee Tech University.

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JAY PAIDIPATI, Energy Practice Associate Director,
Navigant Consulting

Jay Paidipati is an Associate Director in Navigant's Energy Practice and has been working in the solar industry for 10 years. He has worked on a range of projects, such as helping an investor-owned natural gas utility identify and promote energy-saving technologies; partnering with the Sacramento Utility District, SunPower, NREL, and GridPoint to demonstrate residential energy storage in a neighborhood with a high penetration of solar PV; and developing an employment impact assessment in the renewable energy industry under several Federal policy scenarios.

JOHN PARK, Portfolio Manager, U.S. Department
of Veteran Affairs

John Park is the Portfolio Manager for the U.S. Department of Veterans Affairs. He has more than 25 years' experience in the energy management field, working for consulting firms, the Navy, and the Veteran's Affairs. John has worked on energy and sustainable building programs including renewable energy and energy/water efficiencies. He has programed and managed the design, construction, and operations of more than 20 Combined Heat and Power (CHP) systems. John is a Professional Engineer and Certified Energy Manager. He received a B.A. degree from Virginia Tech and an M.A. from George Washington University.

STEPHEN PEARLMAN, Founding Partner,
Pearlman & Miranda, LLC

Stephen B. Pearlman is a founding partner of the law firm Pearlman & Miranda, LLC. In his quarter century of practicing law, he has closed over \$10 billion par amount of financings, primarily in his specialty practice areas of public, project, redevelopment, and renewable energy finance. His "Morris Model" public-private solar financing program won the national 2010 Interstate Renewable Energy Council Financial Incentive Program award, and his adaptation of the government Morris Model to the nonprofit sector won the 2012 CAP Community Economic Development Entrepreneurship and Innovation Award by the nonprofit National Community Action Foundation. Stephen has also drafted several pieces of New Jersey legislation that have resulted in either expanded financing opportunities, and/or cost savings initiatives for local government, redevelopment or renewable energy.

KAREN PENAFIEL, Vice President, Advocacy, Codes
& Standards, BOMA International

Karen Penafiel joined Building Owners and Managers Association (BOMA) International in December 1989 and serves as Vice President of the Advocacy, Codes, and Standards Division of the association. She leads BOMA's Federal and State advocacy programs and oversees BOMA's model building codes and voluntary standards efforts. As the association's chief lobbyist, she works with Congress and the Federal agencies on a wide range of issues affecting the commercial real estate industry. She is currently leading the association's market transformation efforts and has helped develop BOMA's Green Lease Guides. Karen has a B.A. in Government from Hamilton College.

SCOTT POMEROY, Sustainability Manager,
DowntownDC Business Improvement District (BID)

Scott Pomeroy is the Sustainability Manager for the DowntownDC Business Improvement District (BID). Since 2008, he has managed a wide range of sustainability initiatives, including the DowntownDC ecoDistrict. Included in this work, Scott ensured ecoDistrict's participation in the DOE Better Buildings Challenge, piloted the DC Smarter Business Challenge, and facilitated the annual Building Energy Summits. Prior to joining the DowntownDC BID, Scott was the Executive Director of the 14th & U Main Street Initiative.

JAMIE PONCE, Chicago City Director, C40 Cities
Climate Leadership Group

Jamie Ponce serves as the Chicago City Director for the C40 Cities Climate Leadership Group, working with the Office of the Mayor to drive environmental and economic benefits in the City of Chicago and across a network of global megacities. He currently focuses on energy efficiency in the built environment and other market-driven initiatives in support of Sustainable Chicago 2015, Mayor Rahm Emanuel's 3-year environmental action agenda. Jamie has an MBA from Harvard Business School, a Master's degree in Public Administration from the Harvard Kennedy School, and a B.A. from Indiana University.

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ELOISA PORTILLO-MORALES, Sustainability Program Engineer, El Paso General Services

Eloisa Portillo-Morales is the Sustainability Program Engineer for the City of El Paso, Texas, and manages the implementation of the City's Sustainability Plan and the Energy Savings Performance Contract that includes building lighting retrofits, solar, and streetlights. Eloisa has a wide variety of experience in sustainability areas including alternative transportation, green business engagement, energy conservation, renewable energy, recycling, green buildings, and sustainable development. She holds a Bachelor's Degree in Mechanical Engineering and a MBA from the University of Texas at El Paso.

DENISE QUARLES, Director, Atlanta Mayor's Office of Sustainability

Denise Quarles serves as the Director of the City of Atlanta Mayor's Office of Sustainability. Her office's priorities are to foster an environmentally and economically sound government while merging a multi-stakeholder collaborative that will foster the achievement of both short and long-term sustainability goals. Prior to joining the Reed administration, Denise was vice president of environmental affairs for Southwire, a Georgia-based manufacturer and North America's leading producer of electric wiring and cabling. At DaimlerChrysler, she gained extensive experience in business and operations management during her 12-year tenure.

PHILIP QUEBE, Senior Associate, The Cadmus Group

Philip Quebe is a Senior Associate at The Cadmus Group and has been supporting DOE's efforts in energy efficiency finance and Energy Savings Performance Contracts (ESPC) since 2010. Through the technical assistance program, he has provided financial direction to State and local governments looking to fund energy efficiency improvement programs. Philip and Cadmus, in conjunction with DOE, will be finalizing a series of ESPC guides and supporting materials, including model ESPC contract documents and a database of ESPC resources.

PENNI REDFORD, Sustainability Manager, City of West Palm Beach, Florida

Penni Redford is the Sustainability Manager for the City of West Palm Beach, Florida, directing programs community-wide, including the development of Rethink Paradise: West Palm Beach, Sustainability Action Plan; design, implementation,

and management of a \$6.8-million Energy Performance Contract; design and management of a \$1.08-million Energy Efficiency Community Block Grant program; and initiation of the West Palm Beach Property Assessed Clean Energy (PACE) program. Penni is happy to have helped West Palm Beach become the first State of Florida partner for the Better Buildings Challenge.

ROLAND RISSER, Director, U.S. Department of Energy, Building Technologies Office (BTO)

Roland Risser is Director for the Building Technologies Office (BTO) at the DOE. BTO's goal is to optimize U.S. energy-savings opportunities and help create a self-sustaining market for building energy efficiency by developing innovative new energy-efficient technologies; accelerating the energy efficiency, speed, and scale of codes and standards; and supporting cost-effective deployment of solutions for highly energy-efficient buildings and homes. An example of program results include new efficiency standards for more than 30 household and commercial products, which are estimated to save U.S. consumers more than \$400 billion through 2030. This will also reduce U.S. carbon emissions by more than 1.8 billion tons.

JULIANN ROGERS, Director of Energy, CKE Restaurants Holdings, Inc.

Juliann Rogers has held the position of Director of Energy with CKE Restaurants Holdings, Inc. for the past 10 years. She has a B.S. in Marketing/Business Administration from Utah State University.

AMIR ROTH, Technical Manager, U.S. Department of Energy, Building Technologies Office (BTO)

Amir Roth is the Technical Manager for building performance simulation tools at DOE's Building Technologies Office (BTO) in Washington, DC. He oversees the road-mapping and development of BTO's portfolio of energy simulation tools, primarily EnergyPlus and its ecosystem. Prior to coming to DOE, he was an Associate Professor in the Department of Computer and Information Science at the University of Pennsylvania. He was also a software developer at Microsoft in Redmond, Washington, and a research engineer at Intel's Microprocessor Research Laboratory in Haifa, Israel. Amir has a Ph.D. in Computer Science from the University of Wisconsin, Madison, and a B.S. in Physics from Yale University.

(Alphabetical Order)

RICHARD RUSSELL, Senior Energy Engineer,
Nissan North America

Richard Russell is Senior Energy Engineer at Nissan North America, joining the company in 2001 after a lengthy career in the evaluation and appraisal of energy properties in the oil and gas industry. He is currently responsible for planning, forecasting, and measurement of performance improvement at all Nissan plants in North America. Richard is a graduate of Vanderbilt University.

RICHARD SAMSON, President, SAHF Energy

Rick Samson is president of SAHF Energy, a division of SAHF focused on developing government policies and programs that promote energy efficiency among the members while making available to members a variety of energy services such as benchmarking, auditing, renewable energy, and energy retrofits to existing properties. Immediately prior to joining SAHF, he served as a consultant for Genworth Financial Europe, analyzing its single-family mortgage insurance portfolio. A graduate of Colby College and the University of Maine Law School, Rick was a law clerk in the U.S. Court of Appeals for the Ninth Circuit.

LINDA SANDAHL, Program Manager, Energy Policy & Economics Group, Pacific Northwest National Laboratory (PNNL)

Linda Sandahl, a Program Manager with the Energy Policy and Economics Group, has been with Pacific Northwest National Laboratory (PNNL) for more than 20 years. Her work involves leading the design and implementation of programs that support energy-efficient residential and commercial buildings technologies and practices. Linda currently manages PNNL's role in the DOE's Better Buildings Alliance and Federal Energy Management Program. She also manages DOE's Solid State Lighting Technical Information Network, helps DOE's Building Technology Program implement the Stage Gate process for planning and managing R&D projects, and manages renewable energy-related projects for the U.S. Department of Defense. Linda has an MBA and a B.A. in Business Administration.

CAROLYN SARNO, Senior Program Manager, High Performance Buildings, Northeast Energy Efficiency Partnership (NEEP)

Carolyn Sarno manages Northeast Energy Efficiency Partnerships' High Performance Building Team

where she assists States with the development and implementation of strategies to improve energy code compliance and promote operational energy savings in retrofits and new buildings. She is the Vice Chairman of the Collaborative for High Performance Schools' Board of Directors and is Chair and a current member of the Town of Bedford, Massachusetts, Energy Task Force. She also co-chairs the State and Local Energy Efficiency Action Network's (SEE Action) Existing Commercial Buildings Working Group. Carolyn has a Bachelor's degree in Psychology from Salem State College.

DAN SAUCIER, Bureau Manager For Policy, Planning, and Research, Mississippi Development Authority (MDA), Energy and Natural Resources Division

Dan Saucier serves as Bureau Manager for Policy, Planning, and Research in the Mississippi Development Authority's Energy and Natural Resources Division. In this role, he directs activities related to the research, planning, and implementation of energy programs and policy for the State and agency. Prior to his current position, Dan served as a senior project manager in the agency's former Stimulus Division, where he was responsible for managing programs under DOE's Energy Efficiency and Conservation Block Grant and State Energy Program. Dan has a Bachelor's degree in Political Science from Belhaven College and a J.D. from the Mississippi College School of Law.

PAUL SCHEIHING, Project Manager U.S. Department of Energy, Advanced Manufacturing Office, Technical Assistance Team

Paul Scheihing is a Project Manager with DOE's Advanced Manufacturing Office, working on the development of the Superior Energy Performance certification program in partnership with U.S. industry. He is a member of the U.S. Technical Advisory Group that developed the ISO 50001 energy management standard and he has worked for DOE since 1988 on encouraging the more rapid adoption of energy-efficient industrial technologies. Previously, Paul held positions with the Garrett Turbine Engine Company in Phoenix, Arizona, and Westinghouse Electric Corporation in Concordville, Pennsylvania. Paul has a B.S. in Mechanical Engineering from the University of Connecticut, Storrs, and an M.S. in Mechanical Engineering from Drexel University.

(Alphabetical Order)

BRUCE SCHLEIN, Vice President of Environmental Affairs, Citi

Bruce Schlein joined Citi in 2006 as Vice President of Environmental Affairs after having worked as a sustainability specialist for Bechtel on oil and gas and civil projects in China and Romania. Previously, he worked for international development agencies including Save the Children, Catholic Relief Services in Bosnia Herzegovina, and the U.S. Peace Corps in Papua New Guinea. Bruce is a graduate of Cornell University and holds a Master's in International Affairs from Johns Hopkins Nitze School of Advanced International Studies.

ANDREW SCHULTE, Manager, ICF International

Andrew Schulte is a Manager in ICF International's Energy Efficiency practice, where he supports the implementation of public-private partnerships such as EPA's ENERGY STAR and DOE's Better Buildings Initiatives. In this role, Andrew engages with commercial building owners and operators, utilities, and service providers to help them plan and implement approaches to drive whole-building energy performance improvements. His recent work has focused on the role of data access to enable whole-building benchmarking. Andrew has a B.A. in Psychology and Environmental Studies from Williams College and an M.S. in Environmental Policy, Planning, and Regulation from the London School of Economics.

STEVEN SCHULTZ, Corporate Energy Manager, 3M

Steven Schultz has the responsibility for managing 3M's global energy management program, which includes tracking and improving the efficiency of more than 200 3M locations around the world. His role includes strategic planning, development, and implementation of programs and tools to achieve corporate goals, and oversight of corporate data tracking and measurement systems. Steve was named a Champion of Energy Efficiency by the American Council for an Energy Efficient Economy.

ARAH SCHUUR, Program Manager, Building Technologies Office's Commercial Building Initiative (CBI), U.S. Department of Energy

Arah Schuur is Program Manager of the Building Technologies Office's Commercial Building Initiative (CBI) at DOE. CBI works to improve the energy efficiency of domestic commercial

buildings by developing and deploying energy efficiency technologies, solutions, and tools. Before joining DOE, Arah was Director of the Energy Efficiency Building Retrofit Program for the Clinton Climate Initiative. In this role, she directed the program team in its work with partners around the world to increase energy efficiency in existing buildings. Arah is a graduate of Yale University and has a Master's degree in City Planning and a Master's degree in Real Estate Development from the Massachusetts Institute of Technology.

DANIEL A. SELIGMAN, Policy Development Manager, Maryland Energy Administration (MEA)

Daniel A. Seligman has been a Policy Development Manager with the Maryland Energy Administration (MEA) since July 2013 where he develops new program to accelerate energy efficiency in the commercial building sector. Before joining MEA, Dan helped to launch Chicago's version of the Better Buildings Challenge and coordinated advocacy for federal "Building STAR" legislation on behalf of the UN Foundation's Energy Future Coalition. As Washington Director of the Apollo Alliance between 2005 and 2008, Dan wrote and secured passage of the Federal Green Jobs Act of 2007.

ERICK SHAMBARGER, Deputy Director, City of Milwaukee Office of Environmental Sustainability

Erick Shambarger is the Deputy Director of the City of Milwaukee's Office of Environmental Sustainability. In this role, he oversees the Milwaukee Energy Efficiency program and Milwaukee's participation in the Better Buildings Challenge, and he coordinates efforts to reduce energy use in city operations. Erick has a Master of Public Affairs degree, with a specialization in energy policy, from the University of Wisconsin.

RICH SHANDROSS, Associate Director, Navigant

Rich Shandross is an Associate Director at Navigant Consulting and is the technical lead of DOE's Better Buildings Alliance Food Service Technology Team. At Navigant, Rich works on commercial building efficiency, energy efficiency test procedures and standards, and advanced energy technologies.

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MICHAEL SHEPPY, Mechanical Engineer, Commercial Buildings Research Group, National Renewable Energy Laboratory (NREL)
Michael Sheppy is a Mechanical Engineer in the Commercial Buildings Research Group at the National Renewable Energy Laboratory. He has developed innovative energy efficiency strategies for commercial buildings, including novel ways to reduce plug and process loads. His research interests include commercial building energy efficiency, plug loads, measurement and verification, data centers, and hospital energy monitoring. Michael is a registered Professional Engineer in the State of Colorado. He has a Master's degree in Mechanical Engineering from the University of California, Berkeley.

RACHEL SHOLLY, Chief of Program Development, State of Rhode Island, Office of Energy Resources
Rachel Sholly joined the Rhode Island Office of Energy Resources (OER) team as Chief of Program Development in early 2013. Her work focuses on energy efficiency in the public sector and managing the Rhode Island Public Energy Partnership. She also oversees utility energy efficiency programs and staffs the Rhode Island Energy Efficiency and Resource Management Council. Before coming to the OER, she worked for five years on a variety of energy projects and programs at the University of Rhode Island Outreach Center. She holds a Masters of Environmental Science and Management with a focus on Policy and Planning, as well as a Bachelors of Science in Wildlife and Conservation Biology from the University of Rhode Island.

JEN SINGER, Better Buildings Hospitality and Public Sector Account Manager, ICF International
Jen Singer is an Associate with ICF International where she currently serves as the Hospitality and Public Sector account manager for DOE's Better Buildings Challenge and Better Buildings Alliance programs. In this capacity, she provides support to organizations seeking to improve the energy performance of commercial and public buildings. She previously supported EPA's ENERGY STAR Commercial Buildings Program, the Massachusetts Green Communities Grant Program, and Duke Energy's Energy Savings Master Plan for institutions of higher education. Jen previously worked with the Saunders Hotel Group/EcoLogical Solutions.

ADAM SLEDD, Director, Institute for Market Transformation
Adam Sledd leads the Institute for Market Transformation's (IMT) efforts engaging the commercial real estate industry in energy efficiency strategies. He helps individual companies, trade associations, and government agencies save energy and money by incorporating sustainability into the landlord-tenant relationship. Prior to joining IMT, Adam was a founding partner at Sledd Properties, LLC, in Richmond, Virginia, where he managed both shopping center and office properties. Adam has a Bachelor's degree in Media Studies from Pitzer College and an MBA in Real Estate from American University. He is also a LEED Green Associate.

BRENDON SLOTTBACK, Sustainability Program Coordinator, City of Minneapolis
Brendon Slotterback is the Sustainability Program Coordinator for the City of Minneapolis. His work focuses on climate action planning, building benchmarking, stakeholder engagement, greenhouse gas inventories, and community sustainability metrics. Prior to joining the City of Minneapolis, Brendon worked on policy analysis and community planning in both the public and private sectors. Brendon is a LEED Accredited Professional and a member of the American Institute of Certified Planners.

DEREK SMITH, Chief Executive Officer, Clean Energy Works
Derek Smith serves as the Chief Executive Officer of Clean Energy Works Oregon. Prior to this role, he was Policy Advisor for the City of Portland's Bureau of Planning and Sustainability, where he was project manager of the Clean Energy Works Portland pilot program. In the late 1990s, Derek developed one of the first retail sustainability programs at \$225-million multi-channel retailer Norm Thompson Outfitters. As Director of Operations at YOLO Colorhouse, a venture capital-funded green lifestyle brand offering premium zero VOC paint, he was a member of the management team that supported 500 percent annual growth. Derek has a B.S. in Mass Communications from San Jose State University and an MBA from the University of Oregon.

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THOMAS C. SMITH, President and CEO, Exposure Control Technologies, Inc.

Thomas C. Smith is President and CEO of Exposure Control Technologies, Inc. (ECTI). He founded ECTI in 1993 to help research facilities provide safe, dependable, and energy-efficient laboratory buildings. Thomas has served as Chair of ASHRAE TC9.10 Laboratory Systems, Chair of the ANSI/AIHA Z9 Standards for Ventilation and Health, and Vice Chair of ANSI/ASHRAE 110 Fume Hood Testing. Thomas has a B.S. in Mechanical Engineering from North Carolina State University and an M.S. degree in Environmental Engineering (Industrial Hygiene) from the University of North Carolina.

JENNIFER SOMERS, Senior Policy Advisor/
Team Lead for Training and Technical Assistance,
Weatherization Assistance Program, U.S.
Department of Energy

Jennifer Somers is a Senior Policy Advisor and the Team Lead for Training and Technical Assistance for DOE's Weatherization Assistance Program (WAP). Jennifer is responsible for the management and implementation of all activities on the WAP National Training and Technical Assistance Plan, including the Guidelines for Home Energy Professionals; Weatherization Plus Health; and the development of multifamily resources, including a new Multifamily Tool for Energy Audits. Jennifer has a B.A. in Economics and Spanish from Fairfield University and a Master's degree in Public Affairs from the Lyndon B. Johnson School of Public Affairs at the University of Texas at Austin.

THERESA A. SPURLING-WOOD, Energy
Conservation Specialist, Alachua County Public
School District

Theresa A. Spurling-Wood is the Energy Conservation Specialist for the Alachua County Public School district and serves as Green School's Committee Chair for the U.S. Green Building Council Heart of Florida Chapter. Previously, she was Program Manager for the Gainesville Regional Utilities Home Performance with ENERGY STAR program. Theresa's experience comes from more than 30 years in the HVAC industry, which includes being a State of Florida HVAC contractor, a RESNET National and Florida Solar Energy Center Certified Energy Rater, a United Association Certified Instructor of Journey-Persons, a Certified Indoor

Environmentalist in Indoor Air Quality, a UA STAR HVAC Master Technician, and a graduate of the State of Florida Apprenticeship Program.

SAMUEL C. STEELE, Administrator of Sustainability
Programs, City of Fort Worth

Samuel Steele serves as the City of Fort Worth, Texas's Administrator of Sustainability Programs and has worked for 30 years in service of energy and water conservation efforts both domestically and internationally. In this role, he manages the city's Energy Conservation Program, which includes their Better Buildings Initiatives with DOE. Samuel also serves on the City's Sustainability Task Force Technical Committee, Water Conservation Advisory Committee, and Diversity Advisory Committee. Samuel has a B.S. in Energy Engineering from the Rochester Institute of Technology and an Associate's degree in Applied Science in Air Conditioning Engineering from the State University of New York.

NICHOLAS STOLATIS, Senior Director of Global
Sustainability and Enterprise Initiatives, TIAA-CREF

Nicholas Stolatis is Senior Director of Global Sustainability and Enterprise Initiatives at TIAA-CREF. He has leadership responsibility on the European and Global Sustainability Team, focusing on sustainability and governance for the entire domestic and international real estate equity investment portfolio encompassing office, industrial, retail, and multifamily properties, with a total area in excess of 125 million square feet.

DANIEL STUDER, Engineer, Commercial Buildings
Research Group, National Renewable Energy
Laboratory

Daniel Studer joined the National Renewable Energy Laboratory in 2009. As an engineer in the Commercial Buildings Research Group, his primary focus has been on the development and novel execution of whole-building energy simulations using EnergyPlus to identify large-scale areas for the reduction and optimization of commercial building energy consumption. Currently, Daniel is leading development of the Technology Performance Exchange, a resource that allows manufacturers and consumers to more easily exchange the information necessary to move energy efficiency and renewable energy projects to the implementation stage.

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DON STURTEVANT, Corporate Energy Manager, J.R. Simplot

Don Sturtevant is Corporate Energy Manager for J.R. Simplot and is responsible for the energy portfolio of one of the largest privately held corporations in the United States. In three short years, the company has realized 1.3 trillion BTUs of savings and 95,056 metric tonnes CO₂e of greenhouse gas emissions reductions through his company-wide energy program. Under his management, five of J.R. Simplot's facilities have met their Better Plant goal of 25x10 (33 percent of their major industrial sites) and three factories are EPA Energy Star Certified.

STEVE SWINSON, CEO, Thermal Energy Corporation

Steve Swinson is president and chief executive officer of Thermal Energy Corporation (TECO). TECO is an energy company serving the Texas Medical Center in Houston, Texas. He has served in this capacity since September 2005. Steve has more than 25 years of experience in the energy industry, including executive positions at Trigen Energy Corporation, Midwest Mechanical Contractors, and Auburn University. He has served on numerous not-for-profit and industry boards. Steve currently serves on the Board of Directors for the International District Energy Association and served as the association's Chairman from 1996 to 1998. He is a graduate of Auburn University with a Bachelor of Science degree in Mechanical Engineering and Northwestern University's Kellogg Graduate School of Management with an M.B.A. Steve is registered Professional Engineer.

KRISTEN TADDONIO, Deployment Team Lead for the Commercial Building Integration Program, Building Technologies Office, U.S. Department of Energy

Kristen Taddonio is the Deployment Team Lead for the Commercial Building Integration Program at DOE's Building Technologies Office. In this role, she is in charge of public-private partnerships with the Nation's leading building owners, managers, and tenants. Her team oversees DOE's Better Buildings Alliance and supports commercial and higher education partners in the Better Buildings Challenge.

WILLIAM E. (DUB) TAYLOR, Director, State Energy Conservation Office, Texas Comptroller of Public Accounts

Dub Taylor is Director of the State Energy Conservation Office (SECO), which is operated by the Texas Comptroller of Public Accounts. Under his direction, SECO helps the State make the most of domestically produced energy, reduce State and local government energy costs, and promote cost-effective clean energy technologies. Prior to joining SECO in 1999, Dub worked with the Texas Railroad Commission's Alternative Fuels Research and Education Division. His private sector experience was focused in commercial real estate, property appraisal, and property tax consulting. Dub is a graduate of the University of Texas at Austin.

WILL TEICHMAN, Director of Sustainability, Kimco Realty Corporation

Will Teichman is Director of Sustainability at Kimco Realty Corporation, the largest owner of neighborhood and community shopping centers in the United States. He leads the development, implementation, and communication of the company's initiatives aimed at improving the environmental and economic performance of Kimco's shopping centers. Will has an MBA from the Darden Graduate School of Business Administration at the University of Virginia and a B.A. in Economics and Politics with a certificate in Environmental Studies from Washington and Lee University.

SARA TELANO, Grants and Contracts Manager, Arkansas Energy Office (AEO)

Sara Telano is the Grants and Contracts Manager for the Arkansas Energy Office (AEO), a division of the Arkansas Economic Development Commission. In this role, she manages various energy efficiency and renewable energy programs and provides technical assistance in developing programs that meet the goals of the State of Arkansas energy initiatives. Prior to joining AEO in 2010, Sara worked for the City of San Antonio, Texas, as a Contract Compliance Officer and for the State of Florida as a Government Contract Manager. Sara has a Bachelor's degree from Florida State University and a Master's degree in Operations Management from the University of Arkansas.

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MARLA THALHEIMER, Director of Sustainability,
Liberty Property Trust

Marla Thalheimer is Director of Sustainability for Liberty Property Trust, an \$8 billion real estate investment trust that owns 103 million square feet of office and industrial space across the United States and the United Kingdom. Marla is responsible for implementation of Liberty's Corporate Strategic Plan as it relates to integrating sustainable practices throughout the organization. She serves as Vice Chair of the Board of Directors for the Delaware Valley Green Building Council, is a member of DOE's Better Building Alliance Commercial Real Estate and Hospitality Steering Committee, and is currently a candidate for a Master's degree in Sustainability and Environmental Management from the Harvard University Extension School.

CLAUDIA TIGHE, Program Manager for CHP
Deployment Program, U.S Department of Energy

Claudia Tighe is an economist with over 20 years of energy industry experience working with electric and gas utilities as well as Federal, State, and local government agencies on both supply-side and demand-side issues relating to residential, commercial and industrial energy markets. She is the Program Manager for DOE's CHP (Combined Heat and Power) Deployment Program which resides within the Advanced Manufacturing Office. In this capacity, she manages a national technical assistance program that educates policymakers and other stakeholders on the value of CHP, offers best practice considerations for policies and practices that are conducive to siting CHP, and provides site-specific technical assistance to install CHP via seven regional CHP Technical Assistance Partnerships (CHP TAPs).

DREW TORBIN, Vice President of Renewable
Energy, Prologis

Drew Torbin is Vice President of Renewable Energy for Prologis, a leading global provider of distribution facilities with more than 550 million square feet of industrial space in 21 countries. He founded the Renewable Energy Group in late 2008, which has since developed more than 100MW of distributed solar projects across North America, Europe, and Asia. Drew is a graduate of the National Renewable Energy Laboratory's Energy Executive Leadership Program and serves

on the Colorado New Energy Improvement District Board, as well as on the advisory board of Blue Oak Energy. He has an MBA with a concentration in Finance from the University of Pittsburgh and a B.S. from the University of Colorado at Boulder.

BILL TSCHUDI, Principal Investigator, Lawrence
Berkeley National Lab

Bill Tschudi is a Principal Investigator and Group Leader of the High-Tech Buildings and Industrial Systems Group within the Environmental Energy Technologies Division at Lawrence Berkeley National Laboratory (LBNL). He leads many of LBNL's data center and cleanroom energy efficiency research and demonstration projects. Bill is a licensed mechanical engineer with experience in the design of high-tech, mission-critical facilities; industrial facilities; and power plants. He supports DOE, the U.S. Department of Defense, and the California Energy Commission data center energy efficiency initiatives. He is a member of ASHRAE and participates on Technical Committees TC9.11 – Cleanspaces and TC 9.9 – Data Center Facilities.

ELAINE ULRICH, Sunshot Initiative Program
Manager, U.S. Department of Energy

Elaine Ulrich is a Program Manager at the Department of Energy where she manages the SunShot Solar BOS-Soft Costs team. Her team makes strategic investments in State and local development and technical assistance programs, information and data assets, finance, business models, permitting, installation, workforce and training, policy, and regulatory programs to support the deployment of solar energy. She received her B.A. in Physics from Wellesley College and completed her M.S. and Ph.D at the University of Arizona's College of Optics.

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ERICA VELARDE, Mechanical Engineer, New Mexico State Energy Office

Erica Velarde has been working for the New Mexico State government for more than 6 years and has been working for a year with a team of dedicated New Mexicans engaged in energy conservation and efficiency. They operate the State's Energy Conservation and Management Division as part of the Energy, Minerals, and Natural Resources Department. Erica assists in managing the Renewable Energy Production Tax Credit for solar, wind, and geothermal projects larger than 1MW. She also assists in managing the agency's DOE Federal WISE grant. Erica has a B.S. in Mechanical Engineering from the University of New Mexico and an Associate's degree in Business Administration from Northern New Mexico College.

MANUEL VERA, Program Manager of Commercial and Industrial Energy Efficiency Programs, Pepco Holdings, Inc.

Manuel Vera is Program Manager of Commercial and Industrial Energy Efficiency Programs for Pepco Holdings, Inc. (PHI), parent company of Pepco and Delmarva Power, which are electric utilities serving customers in the District of Columbia and portions of Maryland. In his current role, he provides utility support to the mandatory benchmarking initiative in the District of Columbia. Manuel's career includes work with Pepco Energy Services, Inc., an unregulated subsidiary of PHI that provides competitive energy supply and energy efficiency services at a national level. His responsibilities included product development, marketing, and customer care. Manuel has Bachelor's degrees in Information Systems Management and Government and Politics.

CHANI VINES, Senior Finance and State & Local Policy Advisor with the Office of Energy Policy and Systems Analysis (EPSA), U.S Department of Energy

Chani Vines is a Senior Finance and State and Local Policy Advisor with the Office of Energy Policy and Systems Analysis (EPSA) at the Department Energy (DOE). In this role, she leads the Energy Investment Partnerships ("Green Banks") efforts working to create public/private partnerships to leverage scarce public resources with private sector funds to drive capital market solutions and investments in clean energy. Prior to joining EPSA, she was with DOE's Office of Weatherization and Intergovernmental

Programs as a member of its finance team and led efforts at the State and local levels on performance contracting. Prior to joining DOE, Chani worked in project finance structuring and securing financing for renewable energy projects and performed financial analysis and advisory services for oil & gas clients. She received her M.B.A. from the McDonough School of Business at Georgetown University.

BRENNA WALRAVEN, Managing Director, USAA

Brenna Walraven oversees property operations for USAA Real Estate Company's national building portfolio. She has driven the "business case" for how to successfully lead USAA's national efforts regarding improved energy efficiency and environmental stewardship, resulting in reduced energy consumption by 43 percent, reduced water consumption by 21 percent, and a portfolio savings in excess of \$20.3 million over the past 12 years, as well as 11 ENERGY STAR Partner of the Year awards, the most by any real estate company. Brenna has been with USAA Real Estate Company for just under 15 years, and has spent 25 years in the industry. She has a Bachelor's degree in Economics and an MBA in Finance, both from the University of Southern California.

PAUL WESSEL, Executive Director, Green Parking Council

Paul Wessel leads the Green Parking Council, a national 501(c)(3) organization fostering green parking practices through certification and credentialing programs, open-sourced standards, professional leadership, and educational development. He was previously Deputy Economic Development Administrator and Director of Traffic and Parking for the City of New Haven, Connecticut, and served on the boards of the New Haven Parking Authority, the Greater New Haven Transit District, and Greater New Haven Clean Cities. He has experience in legislative and community advocacy, municipal economic development, engaging foundations and nonprofits in community development, and developing public-private partnerships. Paul has a B.A. in History from Wesleyan University and an M.S. in Urban Policy Analysis and Management, The New School, a university in New York City.

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SEAN WEST, Program Manager, UTC

Sean West is a Program Manager for United Technologies Corporation (UTC) in Farmington, Connecticut, in the Environmental Health and Safety group responsible for tracking energy, water, and greenhouse gas emissions. He works with all UTC business units (with 400 manufacturing sites around the world) to identify and implement energy and water conservation opportunities. Sean has a degree in Engineering from the Rochester Institute of Technology and a Master's degree in Business Management from RPI.

EDWIN WILLHITE, Regional Facility Leader, Schneider Electric

Edwin Willhite, a Regional Facility Leader with Schneider Electric, manages the operations of nine facilities in Tennessee, North Carolina, and South Carolina. He is the subject matter expert for energy within Schneider Electric North America, and his responsibilities include supply and demand-side energy management, as well as energy reporting for the organization. Edwin has more than 25 years of manufacturing experience. He has a B.S. in Mechanical Engineering from Tennessee Technology University and an M.S. in IE from the University of Tennessee.

NICHOLAS WHITCOMBE, Managing Director, New York Green Bank

Nicholas Whitcombe is a managing director overseeing investments for the New York Green Bank (NY Green Bank). Prior to joining NY Green Bank in 2014, he was a senior member of the Loan Programs Office at the U.S. Department of Energy (DOE). Nicholas also served as program director for the Advanced Technology Vehicle Manufacturing loan program. Prior to joining DOE, he was a member of the energy lending teams at Jefferies and CIT, and brings more than 20 years of capital markets and credit experience in project and corporate transactions with a wide range of energy borrowers. Nicholas holds a Bachelor's of Science from Cornell University and an Master's in Business Administration from Vanderbilt University.

SCOTT D. WILLIAMS, Group Manager of Mechanical Engineering, Target Corporation

Scott Williams, P.E., is Group Manager of Mechanical Engineering at Target Corporation, based in Minneapolis. At Target, he oversees the development of mechanical design and operation, R&D efforts, and special projects for the company's more than 1,900 retail stores, distribution centers, and corporate buildings. In 2008, he partnered with other major retailers and DOE to form the Retailer Energy Alliance (original Better Buildings Alliance) to share best practices with the goal of reducing energy use in the retail building sector. Before joining Target, Scott was Vice President of Engineering with a Minneapolis engineering consulting firm, designing and managing projects for healthcare facilities, college campuses, and corporate clients.

SALLY WILSON, Executive Managing Director, Newmark Grubb Knight & Frank

Sally Wilson is an Executive Managing Director in Brokerage with Newmark Grubb Knight & Frank. Previously, she was a broker with CBRE and served as their Global Director of Environmental Strategy from 2007–2011. Sally was the first licensed broker designated as LEED AP (Leadership in Energy and Environmental Design Accredited Professional). She served three years on the U.S. Green Building Council's LEED Core and Shell steering committee and five years, including Chair for two years, on the Green Building Certification Institute's (GBCI) Board of Directors. Sally's long experience with LEED has allowed her to have a detailed understanding of the rating system as well as a balanced perspective from the tenant and landlord's view.

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PHIL WIRDZEK, Executive Director, International Institute for Sustainable Laboratories (I2SL®)

Phil Wirdzek is the founding president and executive director of the International Institute for Sustainable Laboratories (I2SL®). He was responsible for creating the Laboratories for the 21st Century (Labs21®) program, a U.S. public-private partnership promoting sustainable design and engineering of laboratories. Through his leadership, I2SL is expanding that mission both within the United States and internationally, creating new tools and services, through I2SL chapters and partnerships. Phil's experience covers environmental risk assessment, industrial microbiology, wastewater systems, facility management, energy efficiency, and sustainable environmental policy. He served as chair of Carnegie Mellon University's Center for Advanced Building Systems Integration and Diagnostics for nearly a decade and is presently an adjunct faculty member for the Sea Grant Institute at the University of Hawaii, Manoa.

TOM WOLGAMOT, Principal, DC Engineering

Tom Wolgamot is a Principal of DC Engineering and works out of Missoula, Montana. He has led a wide variety of design work, from commercial HVAC to campus heating and cooling plants, and has broad and deep experience-based knowledge of system operations, as well as extensive experience in commissioning and retro-commissioning on a multitude of projects both within and outside of the supermarket industry. Tom currently is active on two ASHRAE Refrigeration Technical Committees: 10.1 Custom Engineered Refrigeration Systems and 10.8 Refrigeration Load Calculations. Prior to providing consulting services, Tom was Director of Engineering for Albertsons, Inc., where he developed the ability to balance fiscal realities with ongoing maintenance, energy, and environmental requirements.

JEFF WRIGLEY, Energy Manager, University of Utah Facilities Management

Jeff Wrigley is Energy Manager for the University of Utah and his primary objective in this role is to reduce energy costs and promote energy efficiency across the campus. He leads a team that analyzes energy usage, identifies energy-saving opportunities, and oversees the implementation of energy-saving projects. Jeff has degrees in Energy Management, Architecture, and Electrical Technology from the University of Utah.

SARAH ZALESKI, Policy Advisor, U.S. Department of Energy, Weatherization of Intergovernmental Programs, Policy & Technical Assistance Team

Sarah Zaleski currently serves as a Policy Advisor in DOE's Weatherization and Intergovernmental Programs where she leads the local government and energy strategic planning efforts for the Policy and Technical Assistance Team. She previously worked with the Energy Efficiency and Conservation Block Grant program, managing more than \$150 million in ARRA grants for State and local clean energy projects. Before joining DOE in June 2010, Sarah worked for the City of Baltimore where she helped establish the Office of Sustainability and worked on many projects, including creation of the Baltimore Sustainability Plan, the city's original green building requirements, and the Baltimore Neighborhood Energy Challenge. Sarah has a B.S. in Industrial and Labor Relations from Cornell University and Master's degrees in Environmental Management and Public Policy from Duke University.

ROBERT ZOGG, Associate Director of Energy Practice, Navigant Consulting

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