

Virtual EPC Industry Day Speaker Bios

Panel 1: Energy, Water, and Renewable Projects Today

Speaker Bios



Karen Schmitt, Energy Management Specialist, Energy Branch, U.S. Department of Housing and Urban Development. Karen Schmitt, P.E. has been with HUD since 2010 and has served as an Energy Management Specialist for the Energy Branch (formerly the Energy Center) of the Financial Management Division since 2015. Prior to this role, Mrs. Schmitt was a General Engineer for the Buffalo Field Office. Prior to joining HUD, Mrs. Schmitt worked as an environmental engineer for WSP Environment & Energy providing engineering design and monitoring services for hazardous waste sites, environmental investigations, and remedial actions throughout the United States. She has Bachelor's and Master's Degrees in Engineering, with a specialty in environmental engineering and is a Licensed New York State Professional Engineer. Karen Schmitt will provide a presentation titled The Energy Branch: Providing Innovative Support for HUD's Energy Incentives at the Field Office and Public Housing Authority Levels, which will introduce the Energy Branch and how they are providing innovative support for HUD's climate change goals through energy incentives, training, and technical assistance. You can contact Ms. Schmitt at PIH_EPC_Policy@hud.gov)



Cynthia Spence, Director of Modernization, Planning & Development, New Bedford Housing Authority. Assess capital improvement needs, develop, and manage State and Federal Capital budgets and oversee all capital improvements undertaken by the NBHA. This includes working with architects, engineers, and contractors to ensure compliance with all state and local building codes and state and federal bidding procedures. Manages an in-house staff including two full-time and one part-time project managers and an administrative assistant/coordinator. Prior to assuming the role of Director, Cynthia was hired by the NBHA in March of 2010 as the Assistant Director of Modernization, Planning & Development. Cynthia has over 40 years of experience working in the construction field, and over 30 years as a licensed General Contractor.



Beth Keel, San Antonio Housing Authority, Green Building and Sustainability Program Manager, San Antonio Housing Authority (SAHA). An avid outdoor enthusiast, she spent her life in the natural world looking for simple ways to understand interconnectedness. She attended Naropa University in Boulder, Colorado for a Bachelor's degree in Interdisciplinary Studies and a Master's Degree in Environmental Leadership. She brings life and university experience to SAHA by looking outside of the box for answers in sustainability, education, green building, and conservation. She has continued her education as a Certified Energy Rater, Certified RESnet Green Rater, Certified in Permaculture

Design, and a Texas Master Naturalist. She has brought the agency national and local awards for the work she has done.

Beth began working at SAHA in 2010, as soon as she arrived to San Antonio she began networking with other agencies across San Antonio to learn about the region and ecosystems. She works with agencies such as Build San Antonio Green (BSAG), Alamo Area of City Council Governments (AACOG), various departments throughout the City of San Antonio, local non-profits and national organizations creating partnerships.

Beth has created programs that have been consistently locally and nationally recognized. She draws inspiration from her background in earth systems theory, psychology, social justice, political ecology, green building, farming, food systems, and environmental studies as the Green Building and Sustainability Program Manager for the San Antonio Housing Authority. Beth has been requested through organizations, such as BSAG, The Rocky Mountain Institute, Clean Air through Energy Efficiency (CATEE), Housing and Urban Development (HUD), Department of Energy (DOE), Sustainable Performance Institute, and Energy Star to participate on pilot programs because of the efforts and successes in sustainability for the agency.

Beth works on every aspect of sustainability including built environment, food security, health and wellness, community engagement, sustainability education, and consulting. She has greatly influenced local and national programs bringing inspiration to other organizations and helping them to look outside of the box for alternative methods.

Energy Performance Contracting Research Overview

Mike Blanford, Research Engineer, U.S. Department of Housing and Urban Development, PD&R, AHRT. Mike manages the bulk of the housing technology research conducted by the Office of Policy Development and Research. During his 20 years at HUD, Mike has managed research on topics ranging from indoor air quality to ground anchor systems for manufactured housing. (You can contact Mr. Blanford at Michael.D.Blanford@hud.gov)

Luis F. Borray, Architect, U.S. Department of Housing and Urban Development, PD&R, AHRT. Luis is an architect with the US Department of Housing and Urban Development. He manages research initiatives conducted by PD&R in environmental design including urban planning, urban design, mobility, and land use planning, innovations in construction materials and methods and, development of housing. (You can contact Mr. Borray at Luis.F.Borray@hud.gov)

Mark Reardon, PhD, Social Scientist, U.S. Department of Housing and Urban Development, PD&R, AHRT. Mark has recently completed his first year at HUD. His work includes addressing regulatory barriers to affordable housing, assessing the capital needs of PHAs, determining broadband access costs for HUD's public housing stock, and housing tech innovations such as rechargeable cement-based batteries. You can contact Mr. Reardon at Mark.A.Reardon@hud.gov)



Dr. Charles F. Marshall, CEM, CEA, CLEP, CBCP, PMP, FEE, EcoDistrict AP, Director, Energy Branch, Financial Management Division, U.S. Department of Housing and Urban Development With more than 30 years of change, utilities and facilities management experience, Charles, successfully with the Energy Branch's team, launched the new Small Rural Frozen Rolling Base (SRFRB) energy incentive for small and rural housing authorities to implement energy, water, and renewable energy projects. He led (ATL) Hartsfield-Jackson Atlanta International Airport, the pre-pandemic world's most efficient and busiest airport with over 110 million passengers annually,

to be the first U.S. airport to have its energy management system certified to the ISO 50001 standard which has won the airport the Environmental Leaders 2016 Top Project Award, the Association of Energy Engineers Institutional Energy Management Award for Region 2 in 2016, and the International Facility Manager Association (IFMA) Facility Achievement Award in 2016. He has worked with the United States Department of Defense as a Resource Efficiency Manager helping Fort Benning, the U.S. Army's largest training installation, move toward federally mandated energy goal to which he has received numerous accolades for its energy program. Charles led energy management team of the Atlanta Housing Authority, at that time, the fourth largest housing authority in the U.S., to implement a robust energy management program. Completing Harvard University's Executive Program in Climate Protection and Energy: Policymaking for the Long Term and Leadership in the 21st Century, Charles holds several graduate degrees and certifications; Certified Energy Manager; Certified Energy Auditor; Certified Lighting Efficiency Professional; Certified Building Commissioning Professional; Project Management Professional; EcoDistrict AP and Change Management Certified Professional. Charles, a Fellow Member of the Association of Energy Engineers, the immediate past president of the Atlanta Chapter of the International Facilities Management Association, and trustee of the Christian College of Georgia, a steering member of the Atlanta Better Buildings Challenge, he serves as an advocate for continuous improvement on councils, boards, publishing articles and speaking around the world. (You can contact Dr. Marshall at PIH_EPC_Policy@hud.gov)

Panel 2: ESCOs and the EPC

Speaker Bios



Mary Fox is the Vertical Market Director of Housing, Performance Infrastructure™ for [Johnson Controls](#) Building Solutions North America. With more than 32 years' experience in the energy industry and 22 years with public facility clients, Mary continues to break barriers through innovation, technology, culture and infrastructure improvements that are enabled by a variety of technical solutions and funding mechanisms. Her deep understanding of healthy living environments for staff, residents and visitors is unparalleled in the industry. Mary's leadership and collaborative relationship with the HUD Policy Department has helped Johnson Controls to become an industry leader as it relates to the development of new incentives, policy formulation, engage, educate and employ

within communities, and assistance regarding the development of performance contracting tools. (You can contact Ms. Fox at mary.p.fox@jci.com)



Lillian Kamalay, Senior Director-Housing Services at Ameresco, Inc. has over 30 years of experience in delivering integrated energy and water solutions to multifamily housing clients. In her career, Ms. Kamalay has led project development and implementation efforts for over 50 housing agencies, including the nation's first and several of the largest public housing energy performance contracts. Lillian is Ameresco's senior vertical market specialist for housing and is responsible for business development and programmatic and compliance

management. The company's housing project portfolio includes over 180,000 housing units across North America. (You can contact Ms. Kamalay at lkamalay@ameresco.com)



Donald Gilligan is the President of the National Association of Energy Service Companies (NAESCO), a trade association of 120 companies that deliver about \$7 billion of energy efficiency and renewable projects annually in the US (www.naesco.org). He coordinates NAESCO's state and federal advocacy activities, advocating for energy efficiency, renewable energy, and sustainability policies and programs in legislative, regulatory and policy forums. He has worked in the energy efficiency industry for 45 years, as a consultant, entrepreneur, and state government official. He also serves as the Board Treasurer of the Emerald Cities

Collaborative (www.emeraldcities.org) and the Board Chair of PACENation (www.pacenation.org), and a Board member of the Efficiency Valuation organization (www.evo-world.org). He is a graduate of Harvard University. (You can contact Mr. Gilligan at Donald.Gilligan@naesco.org)



Dick Santangelo, P.E, is Founder and President/CEO of Apollo Engineering Solutions, LLC Apollo Engineering Solutions (AES), LLC was started in 2010. AES is an energy solutions-driven engineering firm specializing in establishing the long-term resiliency of living and working communities.

As the former HUD-PIH Energy Program Manager, Dick was a champion in HUD's efforts to reduce energy consumption in 3,200 Public Housing Authorities (PHAs), representing 1.2M units of low-income housing. Energy and water conservation was paramount in controlling operational costs. Under Mr. Santangelo' leadership, energy investment rose from \$170.5M in

2002 to over \$1.1B in 2011.

Before his energy tenure, Dick was the Program Manager for HUD's physical inspection program. Dick led HUD's efforts to inspect subsidized housing to ensure decent, safe, and sanitary housing for over four million families, 44,000 multifamily and public housing properties. He stood up the physical inspection production operations in less than 16 months, conducting over 86,000 inspections in less than three years.

Mr. Santangelo retired from Federal Service in January 2010 with 42 years of Federal Service. Through Mr. Santangelo' leadership, the Department of Housing and Urban Development - Office of Public and Indian Housing received the Alliance to Save Energy – 2009 Galaxy Star Award of Energy Efficiency; Environmental Protection Agency 2009 Energy Star Award- Special Recognition; and the Department of Energy's 2008 Presidential Federal Energy Management Award.

Prior to his retirement, Mr. Santangelo received the Association of Energy Engineers 2009 Leadership in Federal Energy Management Award. Mr. Santangelo was also recognized by the National Society of Professional Engineers as the "2009 Professional Engineer" Agency Winner. In December, Mr. Santangelo was also recognized by the Partnership for Public Service in the Washington Post's Federal Page as a "Federal Player" for his energy policy initiatives in Public Housing.

Dick earned his Materials Engineering (MSE) degree from the University of Florida and a Master of Business Administration (MBA) from the University of North Florida. Mr. Santangelo is a licensed, professional engineer (PE) in Florida and Virginia. (You can contact Mr. Santangelo at rsantangelo@apolloengsol.com)

Panel 3: Innovating Through Integrating EPCs and Incentives

Speaker Bios



Michael Levinson, CEM, is a principal at Group14 Engineering, an applied building science firm. Michael has 15 years of experience in the built environment, and has successfully developed, commissioning, and verified over \$50,000,000 in self performed Energy Performance contracts. Michael and his team have reduced the utility consumption of 20,000 public housing units by 20% or more, while improving comfort and health outcomes for residents. His superpower is getting small children to sleep through the night. (You can contact Mr. Levinson at mlevinson@group14eng.com)



Since 1995, **Rich Sissick** has specialized in the provision financial consulting services for Public Housing Agencies (“PHAs”). His firm’s focus is assisting PHAs to capitalize on utility conservation through the implementation of HUD Energy Performance Contracts (“EPC”). He has provided technical assistance to Energy Services Companies (“ESCO”) but has also provided technical assistance to PHAs directly. In recent years, he has primarily worked with PHAs to self-implement EPCs or modify existing programs to facilitate RAD and other forms of Project Based Voucher (“PBV”) conversions. (You can contact Mr. Sissick at r.sissick@att.net)



Holly Andreozzi is a Senior Vice President for Global Leasing’s Energy Services team, and is located in Boston, Massachusetts. She focuses on the origination and structuring of energy efficiency and renewable energy financings in the northeast and mid-Atlantic regions. During the course of her career, she has worked with numerous public housing authorities on financing energy efficiency projects. Prior to joining Global Leasing in June 2009, Holly was a Principal Consultant for Clean Energy Solutions in Cambridge, Massachusetts. She has been in the municipal finance business for close to 30 years having started her career in public finance at Merrill Lynch Capital Markets. Ms. Andreozzi has a B.A. from Boston University with a concentration in Computer Science and an M.B.A. from Columbia Business School. (You can contact Ms. Andreozzi at holly.andreozzi@bofa.com)



Rick Sawicki is a Senior Account Manager for Honeywell Energy Services Group. Rick has been with Honeywell for 26 years with all of it being in the EPC market. He started as a Measurement and Verification Specialist and then took the role of Project Development Engineer before taking the role of Account Management for the last 20 years. Rick has extensive experience in the Federal EPC space including 20 years in the PHA market. Rick holds a Bachelor of Engineering from Youngstown State University and an MBA from The Ohio State University. (You can contact Mr. Sawicki at Richard.Sawicki@Honeywell.com)

Panel 4: Beyond EPCs: Alternative Vehicles for Energy Conservation Projects

Speaker Bios



William Volker is the founder of Efficiency Energy LLC, a national consultancy practice specializing in energy efficiency tax incentive management services to federal, state, and local governments. The firm serves as 179D consultants to over two hundred and fifty state and local municipal governments, public school districts, airport and port authorities, public institutions of higher learning, and public housing authorities. Mr. Volker is a Certified Public Accountant. (You can contact Mr. Volker at wvolker@wesavegreen.com)



For the past twenty-six years, **Bob Havlicek** has served at the Housing Authority of the County of Santa Barbara, most recently as Executive Director. He also serves as Chief Executive Officer for several not-for-profit organizations that are devoted exclusively to providing affordable housing. The combined organizations own and/or manage approximately 1,426 units of affordable housing and administer HUD housing programs that serve more than 4,500 families throughout Santa Barbara County. Over the past twenty years, Bob has coordinated the completion and/or rehabilitation of twenty-four developments that represent over 900 units of affordable housing. There are currently over 10 active projects in the development pipeline, along with major renovations of existing properties. (You can contact Mr. Havlicek at bobhavlicek@HASBARCO.ORG)



Toby Chandler, Resiliency / Sustainability Development Manager, Southern Company. Toby is responsible for project development with Federal, State, Municipal, customers in Southern Company's territory. He has over 35 years of experience and in-depth knowledge of the energy industry, energy conservation, and renewables. His industry experience has allowed him to consult with customers on project evaluation of traditional energy conservation measures (ECM) i.e. HVAC, Lighting, Controls, VFD's, and Water; as well as solar PV / Thermal, wind, biomass, landfill gas, alternative fuel vehicles, and CHP. He is involved with implementation of ECMs and arranging funding for his clients as needed. Over the past several years, Toby identified over 100 MW potential PV projects for his customers including Net Zero opportunity as part of a Deep Energy Retrofit projects. Toby is a Certified Energy Manager, Certified Building Commissioning Professional, Certified Industrial Gas Consultant, has a BS in Engineering, and an MBA. (You can contact Mr. Chandler at DLCHANDL@southernco.com)



Calvin Roberts is the UESC Business Development Consultant for CenterPoint Energy. Calvin works with multiple Performance Contractors, and their staff in identifying, and negotiating the development of UESC opportunities. Calvin is responsible for the growth of the commercial natural gas market and the promotion of the natural gas industry through consultative sales, natural gas technologies, training and education, and natural gas market research. Other responsibilities include the development and expansion of Centerpoint's National Accounts Gas Program targeting commercial customers with multiple locations throughout the Centerpoint territory. In addition to his current duties,

he is an active member of the Energy Solutions Center Commercial Building Consortium, and the Gas Food Equipment Network groups that are comprised of other gas utility professionals committed to the promotion and advancement of the natural gas industry. (You can contact Mr. Roberts at Calvin.Roberts@centerpointenergy.com).



With over 30 years of experience, **Phill Consiglio** has led teams in the development, contracting, and management of renewable energy systems, energy conservation projects, energy storage, energy resiliency, and electricity distribution; predominantly in the Federal Sector.

Mr. Consiglio currently manages and is president of The Consiglio Consulting Group (TCCG). TCCG is a team of professionals that specialize in aggregating resources to solve problems in the energy sector with expertise in UESC, ESPC, renewable and fossil fuel generation, energy storage and resiliency.

Mr. Consiglio has consulted with the Department of Energy, developing UESC programs at regulated, municipal, and cooperative utilities throughout the country. He is also working with new technology companies, such as Conservant Systems, promoting their HEDS technology and energy firms developing microgrid and resiliency projects in the in the federal space.

Prior to founding TCCG, Mr. Consiglio led the Federal Energy Services Team for Southern California Edison Company (SCE), one of the largest regulated utilities in the country for almost 20 years. Mr. Consiglio earned a Bachelor's degree in Physics from the University of La Verne and has completed the W. Edwards Deming Management Program. He is a Certified Energy Manger and sits on the Board of Directors of the Association of Professional Energy Managers for Los Angeles and Orange Counties. Mr. Consiglio won the GSA Citation of Excellence for a Thermal Energy Storage Project at the GSA Building in Laguna Niguel, California. (You can contact Mr. Consiglio at Phill@consiglioconsulting.com)



Robert R. Somers, II, is the president and co-founder of 2rw Consultants, Inc., an engineering firm that emphasizes energy efficient analysis and design. Bob is the principal responsible for energy services and software development. He has worked in the energy field since 1975 for both public and private sector clients, leading project teams in the evaluation, design, and commissioning of energy efficiency projects nationwide in the built environment for both new construction and renovation.

Bob is a professional engineer registered in 14 states and the District of Columbia, a LEED AP, a member of the American Society of Mechanical Engineers, and a LEED accredited professional. His experience ranges from thermal energy storage research to energy audits of large complexes including the Hartsfield-Jackson Atlanta International Airport. Bob spearheaded 2rw's technical support services for the Virginia Division of Energy for many years, during which time he conducted training sessions for technical and non-technical audiences, developed guidelines for a photovoltaic manufacturing grants program, and authored technical manuals for engineers and architects. (You can contact Mr. Somers at bobs@2rw.com)