



Moderator & Speaker Biographies



Governor's
Energy Office

Greening Facilities in the New Energy Economy

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Sponsored by Energy Services Coalition - Colorado Chapter & Colorado Governor's Energy Office

Gary Bergard, Manager of Business Development, Honeywell Building Solutions

Gary received his bachelor of science in General Engineering, with an area of specialization in environmental engineering, from the University of Illinois in 1978. He has worked in the building services industry for the last 29+ years and is currently the Manager of Business Development for Honeywell's performance contracting business in Colorado and Wyoming. His work experience includes: Air and water systems test and balance technician; HVAC controls and energy management systems Application and Field Engineer; Energy Engineer providing assessment, design, program management and commissioning of integrated energy efficiency, water conservation, indoor air quality and comfort enhancement projects; Service Manager for HVAC, temperature controls, energy management, fire alarm and security systems Fortune 100 firm, ran local service operation with 15 service trucks; Business developer responsible for preliminary project scope development & team leader for over \$150M in HVAC design-build and performance contracting projects; Performance Contracting Branch Manager in St. Louis, MO; Regional & National Sales Manager for (2) different firms specializing in design-build and performance contracting for comprehensive infrastructure projects. Gary has extensive experience teaching customer, employee and industry related training sessions on building systems operations and energy efficiency. He is the current co-chair of the Colorado chapter of the Energy Services Coalition since and is also a member in good standing of the Rocky Mountain Association of Energy Engineers.

Sandie Busby, Business Development Director, EMC Engineers

Sandie Busby is the Business Development Director for EMC Engineers for its Rocky Mountain Region. Sandie studied Business Administration in New Mexico. She has over 10 years of experience in energy conservation in the commercial, industrial and institutional sectors. She serves on several technical committees and organizations including USGBC, AIA, ESC, NAIOP, Denver Chamber of Commerce (DCC) and Rebuild New Mexico (RNM). She is a past president and currently on the Board of the Rocky Mountain Association of Energy Engineers (RMAEE). Sandie has been providing energy efficiency solutions to private and public clients in Colorado and New Mexico since 1998. Sandie has worked in partnership with the Governor's Energy Office to initiate educational workshops throughout Colorado for Energy Conservation.

Phillip Delaney, Facilities Management Department Manager, Teton County

Phillip Delaney is a Husband, Father, Father-in-Law, Grandfather and Facilities Manager. He has assisted in the production of two beautiful adult people. His daughter recently became a mother and is developing in that role. His son, Keegan, who is here with him today, has a small business and is returning to the University of Wyoming for his postgraduate work. Phillip does not consider his current job as Teton County Facilities Management Department Manager as work at all, but rather as one of his passions. He has 20+ years experience in operations, maintenance and management ranging from condominiums to hospitals to county facilities.

Angie Fyfe, Program Manager – Greening Government Program, Governor's Energy Office

Angie Fyfe is the Greening Government Program Manager for the Governor's Energy Office. Angie's position was created by Governor Bill Ritter's April 2007 Executive Orders concerning the greening of state government. Angie works with state agencies, colleges, and universities to reduce the state's environment impacts and take a position of leadership in the New Energy Economy. Prior to joining the Governor's office, Angie managed projects for the Colorado Department of Labor and Employment, including the first state-owned building in Colorado to earn the Leadership in Energy and Environmental Design® (LEED) certification from the U. S. Green Building Council. In addition to her state government experience, Angie has worked in both a corporate

environment and as an entrepreneur. She lives in Denver with her husband and two teenagers who attend the Denver School of the Arts.

Tom Fuller, Wyoming Business Council – State Energy Office

Tom has a Bachelor of Science in Mechanical Engineering and a Masters of Science in Technology Management from South Dakota School of Mines and Technology in Rapid City South Dakota. Tom is a US Green Building Council LEED Accredited Professional. Over the years he has worked in or managed a variety of industrial facilities including a coal mine, a chemical plant, power plants and a bentonite plant. He has also been a public works director, a field engineer for manufacturer's extension partnership and a regional director for the Wyoming Business Council. He currently manages the State Energy Office within the Wyoming Business Council where his office funded the demonstration of LEED in schools and public buildings and high performance school concepts in a community college campus. His office developed the Wyoming Energy Conservation Improvement Program to help owners of public buildings implement energy efficiency through performance contracting.

Joan Gregerson, Associate Engineer, Trident Energy Services

Joan Gregerson is an associate engineer with Trident Energy Services. Joan has worked with the Governor's Energy Office on performance contracting and high performance design initiatives, at various times over the past ten years. Joan has written case studies, reports and books on topics ranging from schools and military housing, to commissioning, and efficiency opportunities in appliances, heating and cooling. Joan has worked for many of the leaders in efficiency in the state, including Fort Collins Utilities, Johnson Controls, Architectural Energy Corp., and E Source. Joan holds a degree in Electrical Engineering from CU Boulder.

Doug Hargrave, Director of Project Development, LONG Energy Solutions

Doug Hargrave leads the development of LONG Energy Solutions energy management and sustainability projects. Doug's background comprises over a dozen years of experience in energy engineering, sustainable buildings, and natural resource management. Prior to joining LONG, Doug designed, managed, and evaluated utility and government energy efficiency and sustainable building programs in both Colorado and Washington, D.C. He holds a B.S. in Mechanical Engineering with a focus in Environmental Policy and Engineering from Washington University in St. Louis, Missouri.

Brett Jackson, Department of Military and Veteran's Affairs

Brett Jackson serves as the Energy and Mechanical Engineer for the Colorado Department of Military and Veteran's Affairs (DMVA). Brett was responsible for starting the energy program for the DMVA in 2002. Brett is responsible for the energy conservation efforts of over 1.2 million square feet, providing mechanical and energy engineering oversight to all renovations and new construction. Brett is currently engaged in the programming, planning, design, construction and warranty of over \$200 million in new construction and manages the commissioning program for the DMVA. Brett and the DMVA program are actively seeking renewable energy opportunities, and DMVA has partnered with Fort Carson on a Wind study. Brett served a 2.5 year term on the National Guard Bureau Energy Working Group and is currently on the Buckley Air Force Base Energy Working Group and the Governor's Greening the Government Council. Prior to joining DMVA, Brett served in the U.S. Army Corps of Engineers in Fort Lewis, WA. Brett Graduated from the Colorado School of Mines with his undergraduate degree in Mechanical Engineering and is currently working on his Master's in Engineering through the University of Colorado at Boulder. Brett is a Professional Engineer, a Certified Energy Manager and a LEED AP.

Karen Keeler, Senior Vice President, All American Investment Group, LLC

Ms. Keeler joined AAIG in 2002 as Senior Vice President focused on the origination of municipal and commercial finance transactions. Since that time she has been responsible for the successful origination of over \$350 million in lease and bond financings, centered in energy efficiency projects. Ms. Keeler has expertise in all areas of equipment finance, and is recognized throughout the United States for her involvement, commitment and promotion of energy performance contracting. Prior to AAIG, Ms. Keeler enjoyed professional affiliations with Baystone Financial Group in Manhattan, Koch Industries, the National Public Finance Division of ABN AMRO in Denver, and Banc One Leasing Corporation. During her fifteen years of experience in the public finance arena, Ms. Keeler has been responsible for the development of national vendor programs with energy services companies and has successfully originated over \$700 million in municipal, commercial and federal energy performance contracts. In addition, she has co-authored performance contracting legislation in several states, has

served as financial advisor to numerous municipalities interested in energy efficiency and renewable energy projects and currently manages master lease programs for energy performance contracting projects involving the State of Colorado and the State of California.

James Knutson, Comprehensive Solutions Director, Rocky Mountain Trane

Jim Knutson has over 25 years of experience in Energy Efficiency and Performance Contracting solutions for clients. He has been serving building owners with a wide array of energy efficiency programs, water conservation efforts, environmentally responsible solutions and operating cost reduction opportunities. Mr. Knutson has developed, managed & directed over \$150 million of Energy Efficiency Programs resulting in over \$100 million of energy savings throughout his career. As Director of Comprehensive Solutions (CS) for Trane, Jim leads the (NAESCO Accredited) Rocky Mountain Trane CS team by providing Sustainable & Environmentally Responsible solutions for clients in existing buildings and for new construction. This includes guaranteed savings, LEED/GBI Accreditation, Utility Demand Side Management, EPACT incentives, and complete Financing/Lease Purchase options. Jim was awarded an Intermountain Region “CHP Champion” award for the Combined Heat and Power Association in conjunction with the Department of Energy’s (DOE) Denver Region and he is a current Board Member of the Energy Efficient Business Coalition. Additional industry memberships include the Energy Services Coalition, Association of Energy Engineers, and the Cogeneration & On-Site Power Association. Mr. Knutson served on the Board of Directors and is a Past President of the Rocky Mountain Association for Energy Engineers. He has served on the National and Local Board of the Energy Services Coalition and was the first Co-Chair of the State of Colorado Energy Services Coalition Chapter. He has been on the Board of Directors and spokesperson for the Colorado Energy and Indoor Air Coalition (CEIAC) and has played a key role in drafting energy legislation in 10 states over the past 15 years. Jim has also assisted in the development of the Energy Performance Contracting M&V Protocol used now as the standard in many states.

Leslie Larocque, McKinstry

Leslie Larocque has been providing sustainable energy and environmental solutions to both public and private sector customers throughout the U.S. and internationally since 1991. As the Business Development Manager for McKinstry’s Rocky Mountain Region, Leslie’s most recent experience has focused on energy services and performance contracting projects in Colorado and Wyoming, where she specializes in innovative project and financial solutions. Leslie is a strong supporter of regional economic development through the use of local renewable energy systems (biomass, bio-fuels, solar, geothermal and wind). In the past two years, she has helped her clients save over \$9 million through grant funding and utility rebates, much of which was tied to renewable energy solutions. In addition, she works with public sector facility owners to leverage savings generated through energy efficiency and outside grant funding to effect the new construction of high performance buildings. Leslie has a Bachelor’s Degree in East Asian Studies from Middlebury College and a Master’s Degree in Environmental Policy and Technology Management from the University of Denver.

William (Bill) LeBlanc, President, Boulder Energy Group

Bill LeBlanc is the President of the Boulder Energy Group. He most recently held positions of VP Marketing and New Product Development at E Source. Mr. LeBlanc has over twenty years of experience in strategic marketing, energy resource planning, pricing, market research, and demand-side management. He assists utility clients in understanding their customer markets, providing tools and messages to sway customer demand, and creating overall market strategies. Mr. LeBlanc also is a stand-up comedian, which is quite unusual for someone with an engineering degree. You can see him perform at Denver’s Comedy Works or Wits End.

Fran Long, Trade Relations Manager, Xcel Energy

Fran Long is the Trade Relations Manager for Xcel Energy's commercial and industrial energy efficiency programs. He works with Xcel energy’s trade partners to help grow our energy efficiency programs. Prior to Xcel Energy Fran worked for Eastman Kodak in all aspects of product development, product management, design engineering management, marketing, business development and partner relations. Fran is involved with the Colorado Clean Tech Initiative, a member of CORE Colorado and the Energy Services Coalition and a board member of the Rocky Mountain Product Development Management Association. Fran has an MBA from the University of Rochester in Rochester, NY, a BS in Engineering from the University of Vermont in Burlington, VT and is the holder of 4 US patents.

Jeff Lyng, Commercial Buildings and Solar Program Manager, Governor's Energy Office

Jeff Lyng is the Commercial Buildings and Solar Program Manager at the Colorado Governor's Energy Office (GEO). At the GEO he is responsible for overseeing commercial building energy efficiency and renewable energy in state, local government and K-12 infrastructure. He also manages the state's Residential Solar Program. Prior to joining the Governor's Energy Office, Jeff worked as a Technical Consultant at Xcel Energy on the company's demand side management and renewable energy programs. Jeff has undergraduate training in Ecology from SUNY-ESF and he earned a Masters of Engineering degree in energy from the University of Colorado at Boulder Building Systems Program. He serves on the Board of Directors for the American Solar Energy Society and the Colorado Renewable Energy Society. While at CU, Jeff served as the project manager for the 1st Place 2005 Solar Decathlon Team. Following the Solar Decathlon, he had the opportunity to testify before the U.S. House of Representatives Subcommittee on Energy and was a guest of First Lady Laura Bush at the 2006 State of the Union Address.

John McAllister, Design/Build Manager, EMC Engineers, Inc.

Mr. McAllister has over 25 years experience in the study and design of building and facility improvements in both existing building and new construction. These include energy focused projects involving controls, lighting, daylighting, HVAC systems, solar and renewable energy systems, and design/build and performance contracting. John holds a masters degree in Public Administration, with an emphasis in energy and finance, from the University of Colorado. During the late 70s and early 80's, John worked for the Governor's Office of Energy Conservation, managing several energy efficiency programs including the Schools and Hospitals Grants, Residential Conservation Service, and the Commercial and Apartment Conservation Service. This included development of energy auditing methodology and practices, measurement and verification procedures, grant administration and contracts. John assisted in the development of the first public sector Energy Savings Performance contract in Colorado with the then Department of Institutions. In the mid 80's he became the regional manager of the National Energy Management Institute, developing performance contracting programs, methods, measurement and verification, financing and training curriculum for the western United States. The development of financing packages to supplement energy savings to leverage comprehensive facility upgrades was a key factor in the success of the performance contraction programs for schools, universities, cities and counties, state building, private offices, and recreation centers. Since the mid 90's John has managed design/build and performance contracting, and sustainable design businesses focusing on schools, colleges, cities/counties, offices, recreation centers, and hospitals. Projects size ranges from \$100,000 to \$25 million. The ability to leverage several financial elements to contribute to the package has been a cornerstone in the success of the business. John is a member of ASHRAE, AEE, the Energy Services Coalition and an affiliate member of the Colorado Association of School Executives and Colorado Association of School Business Officials.

Dr. Randy Miller, Superintendent, Eaton School District

Dr. Randy Miller has been a superintendent in various Colorado schools for the past 17 years with the last three at Eaton School District. He has a total of 25 years experience in education. He was born and raised in northeastern Colorado. He has one son, Blake, who is a 4th grade student at Benjamin Eaton Elementary

Tom Plant, Director, Colorado Governor's Energy Office

Tom Plant is the Director of the Governor's Energy Office and was appointed by Governor Bill Ritter in 2007. Prior to GEO, Tom served as the executive director of the Center for ReSource Conservation. The non-profit implements a variety of programs focused on energy efficiency, renewable energy, water conservation, green building and construction waste reduction. Tom served as Colorado House District 13 Representative from 1998 through 2006 including two years as Chairman of the House Appropriations committee and one year as Chairman of the Joint Budget Committee. Among the key pieces of legislation he sponsored: Prescription Drug Fairness Act; the Colorado Renewable Energy Act, which later formed the basis for Amendment 37; and energy efficiency tax-incentive legislation. He was named Legislator of the Year by organizations such as the University of Colorado and the Sierra Club of Colorado, was the recipient of Colorado Conservation Voters' "Green Sense Award for Environmental Leadership" and received the "Champion of the Family Farmer" award from the Rocky Mountain Farmers' Union. Tom worked in the Climate Change department of the Union of Concerned Scientists in Washington, DC. At UCS, he explored the causes of global climate change and examined transportation and energy solutions to reduce the emissions contributing to climate change.

Oscar Rangel, Local Government & K-12 Account Executive, Johnson Controls

Oscar graduated from Metro State College with a Bachelor of Science degree in Industrial Marketing in 1986. He has worked in the energy industry for the past twenty one years. He started his career with Public Service Company of Colorado which later became New Century and then Xcel Energy. Before leaving Xcel Energy he was the Energy Services Account Executive for the North East Metro Region where he managed a \$25 Million portfolio of Industrial customers. He is currently working for Johnson Controls where he is the Solutions Local Government & K-12 Account Executive for the State of Colorado and Wyoming. Oscar has a Master in Business Administration and he is a Certified Energy Manager.

Matthew Rush, Chevron Energy Solutions

Matt Rush is based in Denver and is responsible for Chevron Energy Solutions' public sector business development activities in the Rocky Mountain region. Matt has more than 15-years experience in helping government and business become more energy efficient. Matt's background is in energy engineering, energy performance contracting, and renewable energy. Matt serves on the board of the Rocky Mountain Association of Energy Engineers. Matt is a Certified Energy Manager, and has bachelor's degrees in Mechanical Engineering and Physics, and an MBA from the University of Colorado.

Jeff Schuster, President, Ennovate Corporation

Jeff graduated from Colorado State University with a bachelor of science in Mechanical Engineering in 1987. He has worked in the energy efficiency industry for the past twenty years. Initially, Jeff was hired by the US Air Force to provide energy management services for a northern tier base. While there he reduced a \$7,000,000 year energy bill to \$5,000,000. He then was hired by Honeywell Inc. as a Performance Contracting Engineer in 1991. He has worked within the health care, schools, municipalities, and industrial vertical markets for Honeywell developing performance contracting services for these clients. In Honeywell he worked in Minneapolis, Minnesota and headed up the Honeywell performance contracting effort in Colorado, Wyoming and New Mexico. In 1997, Jeff started his own energy services business called Ennovate Corporation. As head of Ennovate Corporation, Jeff has grown Ennovate from a one person company in 1997 to a Colorado-Based 21 employee Energy Services Company today. Ennovate focuses primarily on energy efficiency projects with institutional clients in the Rocky Mountain and Great Plains regions. Jeff is a licensed Professional Engineer, and Certified Energy Manager. Jeff is a leader in Colorado's performance contracting and energy services business and brings his experience to bear in presentations to industry experts and leaders of public institutions alike. Although he has technical expertise in all facets of energy efficiency knowledge, Jeff has the ability to break these concepts into workable and understandable solutions for his clients.

Lance Shepherd, Manager of Design and Construction Programs, Office of State Architect – Department of Personnel and Administration

Lance Shepherd is the Manager of Design and Construction Programs, Office of the State Architect, for the Department of Personnel and Administration. He manages Capitol Construction Projects as well as Controlled Maintenance Projects and Emergency Projects. Lance is the Project Manager for the State Capitol "Life Safety Project", which is in its 5th and final Phase this year and the DPA "Performance Contract" which was initiated in 2002 and is scheduled to be complete in 2009. He has worked on both LEED NC and LEED EB projects with the state and has initiated the DPA/USGBC LEED Portfolio "Pilot Program". Lance's credentials include LEED AP and AIA.

Marty Skolnick, Account Executive – Siemens Building Technologies, Inc.

Marty is an Account Executive and Program Manager for Siemens Energy and Environmental Solutions group. He specializes in performance contracting solutions for the public sector, with a focus on State Government Agencies and K-12 education. Marty has been involved in the energy management field since 1983. He has broad experience in Performance Contracting, Energy Management & DDC Systems and renewable energy systems from conceptual design through project implementation. He has been involved in the development of over \$ 60 million dollars in performance contracts over the last 8 years in a broad range of customer segments including institutional, municipal, education, healthcare & industrial / manufacturing. Marty is experienced in facilitating utility incentives, grants, and negotiating various third party financing offerings. His expertise in business management provides a unique understanding of the technological and economic trends affecting facility

and energy issues. Marty holds a Bachelors degree in Industrial Systems from University of Northern Colorado and a Masters degree in Energy, Power Instrumentation and Controls from Bowling Green State University, Ohio.

Jim Spiers, Senior Manager - Planning/Rates/Member Services, Tri-State Generation and Transmission Association, Inc.

Jim Spiers is the Senior Manager, Planning/Rates/Member Services, for Tri-State Generation and Transmission Association, Inc., in Westminster, Colorado. In this role he directs the Planning and Research, Forecasting, Rates and Member Services and Energy Efficiency operations for Tri-State. Prior to accepting this engagement in November, 2006, he had his own consulting and legal practice where he worked extensively for distribution cooperatives and public power districts, Statewide Associations, Tri-State and NRECA. He also worked as an affiliate analyst for Gartner Research providing advisory service to utilities world-wide and worked with other utilities and energy consulting firms. His more than 20 years of experience spans utility and infrastructure industry operations and planning, regulation, restructuring, technology assessment, business planning and strategy. Throughout 2006, he conducted workshops and web conferences for NRECA to work with more than 400 cooperative leaders on implementation of the PURPA Standards adopted as part of the Energy Policy Act of 2005. He has also served as the Director of the Colorado Public Utilities Commission.

Dane Taival, Director, Controls & Contracting, Trane

Dane has the responsibility for driving profitable growth in the building controls, services and solutions businesses executed by Trane District Offices in the Americas region. This responsibility takes the form of establishing the direction for the business and creating the new offerings to fuel the growth. During his 15 years with Trane, Dane has held positions of increasing responsibility in the Customer Direct Service Network, Asset Management Services, Global Controls and Contracting and Americas Services & Contracting. Prior to joining Trane, Dane was an HVAC consultant at the research-oriented consulting firm Dorgan Associates in Madison, WI. He also holds Bachelors degree in Mechanical Engineering from the University of Minnesota and a Masters degree in Business Administration from the University of Wisconsin.

Randy Udall

Randy Udall, former director of the Community Office for Resource Efficiency (CORE), is one of the nation's leading activists in promoting energy sustainability. CORE's partnerships with individuals, governments, and utilities have led to remarkable accomplishments, including Colorado's first solar energy incentive program, the world's first Renewable Energy Mitigation Program which has raised \$7 million, the world's stiffest carbon tax, and some of the most progressive green power purchasing programs in the country. Udall wrote his first article on climate change in 1987, and a solar retrofit of his home in Carbondale, Colorado will keep 300,000 pounds of carbon dioxide out of the atmosphere during the next 20 years. Recently, Udall served on Colorado Governor Bill Ritter's Climate Action Panel. Udall is also co-founder of the Association for the Study of Peak Oil-USA, and speaks widely on why "energy is an IQ test Americans tend to fail."

Andy Walker, Senior Engineer, National Renewable Energy Laboratory

As a Senior Engineer at the National Renewable Energy Lab, Dr. Walker supports the US DOE Federal Energy Management Program Technical Assistance Task, conducting engineering and economic analysis of energy efficiency and renewable energy projects in Federal buildings. He also teaches several energy-related classes in the Mechanical and Architectural Engineering Departments at the University of Colorado at Boulder, the Colorado School of Mines, and Metropolitan State College of Denver. He serves as chair of the ASME Conservation and Solar Buildings Committee and has been an Associate Editor for the ASME Journal of Solar Energy Engineering. Prior to joining NREL, Dr. Walker worked as the Renewable Energy Coordinator for the Colorado Office of Energy Conservation and Research Associate at the Solar Energy Applications Laboratory at Colorado State University, conducting research on solar water heating. As a Peace Corps Volunteer in Nepal, he taught math and science and completed several projects including a passive solar school dormitory and a village-scale biogas generator. He has conducted solar thermal and photovoltaics training for developing countries for the U.S. Agency for International Development. Dr. Walker is the author of over 28 book chapters, journal articles, and conference papers and has been recognized with 11 awards from professional associations and government agencies. Walker's credentials include a B.S., M.S., and Ph.D. in Mechanical Engineering, and he is a registered Professional Engineer in the State of Colorado. He has solar heating and PV on his passive solar house, drives a hybrid electric car, and buys 100% of his home's electric power from wind energy.