



## SPEAKER BIOS

### **Steve Bean**

*PNM*

Steve Bean joined PNM in 1984 and has held a variety of positions in the customer service, marketing and energy services areas. His experience at PNM includes passive solar design, commercial energy auditing, rate design, key account management, energy conservation and program management. He currently is the Manager of PNM's Electric and Gas Energy Efficiency Program. Steve has a degree in Mechanical Engineering from the University of Colorado, Boulder.

### **Jeff Bumgarner**

*PacifiCorp*

As Director of Demand-side Management, Jeff Bumgarner is responsible for the development, implementation and management of the company DSM programs and services.

Responsibilities span the residential, commercial, industrial and agricultural customer segments and collaboration in the development of the Company's Integrated Resource Plan.

Jeff joined PacifiCorp in 1981 and has worked in a variety of positions in energy and energy management, including management roles in customer services, field services, marketing, program implementation and new business development. He holds bachelor degrees in business management, finance, and sociology from the University of Oregon serves on the board of the Southwest Energy Efficiency Project. Jeff is a member of the Association of Professional Energy Managers and leads several Demand-Side Management Advisory Groups for the Company.

### **Peter Cappers**

*Lawrence Berkeley National Laboratory*

Peter Cappers, a Senior Scientific Engineering Associate in the Electricity Markets and Policy Group at the Lawrence Berkeley National Laboratory, has conducted research for the past 8 years into demand response and energy efficiency issues. He has helped to develop and implement techniques for quantifying customer price response to both dynamic retail rates and wholesale demand response programs, and their subsequent impact on wholesale market prices, price volatility, and service reliability.

Mr. Cappers has also spent time assisting retail and wholesale clients in analyzing, developing, and implementing DR programs that maximize end-use customer participation while attempting to minimize "free-ridership". Recently, he has performed substantial research into the financial implications from utility shareholder incentive mechanisms for energy efficiency, to better understand how stakeholders are affected under different utility characteristics, EE portfolio composition, and shareholder incentive design features.

Mr. Cappers received a B.A. in 1997 from Syracuse University in Mathematics and Economics, and a M.S. in 2005 from Cornell University in Applied Economics.

### **Sarah Cottrell**

*Office of New Mexico Governor Bill Richardson*

Sarah Cottrell serves as the Energy & Environmental Policy Advisor to New Mexico Governor Bill Richardson. She joined the Governor's team after earning a Master of Public Affairs from Princeton University's Woodrow Wilson School of Public & International Affairs. Before entering graduate school, Cottrell worked for the Pew Center on

Global Climate Change in Arlington, VA. Prior to joining the Pew Center in 2001, she received a grant to research and co-author teaching case studies on United States and international climate change policies. She graduated *magna cum laude* with Honors in Political Science from Davidson College, and studied Irish politics at University College Dublin. Past internships include the White House Climate Change Task Force and the Grand Canyon Trust.

### **Dan Dent**

*Questar Gas Company*

Dan Dent presently works as Director, Demand Side Management for Questar Gas Company. Dan has been with Questar since 1987. He began with Mountain Fuel Supply Company (now Questar Gas Company) and has held several positions in Marketing, Sales, Gas Supply, Business Development and Community and Regulatory Affairs. In June 2006, Dan was asked to lead and develop a Demand Side Management initiative that included energy efficiency programs for Questar Gas customers in Utah and Southern Idaho.

Dan received a B.S. Degree in Marketing from the University of Utah in 1989 and is currently seeking a Master's degree in business administration and finance.

Dan is a native of Utah and enjoys spending time with his family and playing golf. Dan is married and has two teen-aged daughters.

### **Linda Douglas-Worthey**

*Tucson Electric Power Co.*

Linda Douglas-Worthey is currently the Assistant Director of Renewable and DSM Programs for Tucson Electric Power Co. She has been employed for TEP for 35 years and has been responsible for the design and implementation of residential and commercial demand side management programs since 1978. Linda served as the Guarantee Home Program Manager at Tucson Electric Power Company from its inception in 1997 through 2007 when she was reassigned to develop a host of new DSM programs for TEP, UNS Electric and UNS Gas. Linda is a past member of the Board of

Directors for Southern Arizona Homebuilders Association and The Electric League of AZ and served on the Metropolitan Energy Commission for four years. She was appointed by the Governor to the State Commission to develop requirements for energy efficient home tax credits, served on the Advisory Board for "Teaching Energy Conservation Program" sponsored by the City of Tucson, and was a technical advisor for the UA Business Basics Course and for Pima College.

### **Dan Dreiling**

*Salt River Project*

Dan Dreiling possesses more than fifteen years of experience in the field of energy efficiency and related services. Dan's special emphasis is developing and structuring comprehensive energy programs for commercial and industry customers. Dan joined SRP in February of 2000. As a member of SRP's Energy Efficiency & Policy Analysis organization, Dan holds the position of Program Development Supervisor where he oversees the design and development of SRP's residential and commercial efficiency and demand response programs. Prior to this position, Dan worked for two large energy services companies where he developed commercial and industrial energy projects for end-use customers. Dan is a Certified Energy Manager (C.E.M.) and holds a Bachelor of Science Degree in Business Management from Arizona State University.

### **Steve Dunn**

*Southwest Energy Efficiency Project*

Senior Associate Steve Dunn manages SWEEP's building efficiency program, which is working to support adoption of building codes, beyond-code programs, and state and utility incentives for net-zero energy homes in the Southwest region.

Prior to joining SWEEP, Mr. Dunn worked as a Policy Analyst with EPA's Clean Energy-Environment State Partnership – a voluntary program that helps states identify and implement cost-effective clean energy policies. At EPA, he worked with multiple states to identify, evaluate, and implement clean energy programs and policies. He coordinated the development of

EPA's *Clean Energy-Environment Guide to Action*, which identifies and describes clean energy policies and strategies that states have used to meet their clean energy objectives.

Mr. Dunn received his Masters Degree in Environmental Policy and Management from the School of Forestry and Environmental Studies at Yale University, and a Bachelors Degree in Environmental Studies from the University of California at Santa Cruz.

### **Tammy Fiebelkorn**

*Southwest Energy Efficiency Project*

Tammy Fiebelkorn has been active in the energy industry for over 14 years. She is the New Mexico Representative for SWEEP, and is the President of eSolved, Inc., an environmental and business consulting firm. She provides project planning, economic and environmental analysis, legislative analysis, lobbying and financial management to a variety of clients across the United States. Ms. Fiebelkorn has degrees in Economics and Finance from Northeast Louisiana University as well as a Master's Degree in Environmental Economics from Colorado State University.

Ms. Fiebelkorn was a founder and executive director of the Propane Promotion Consortium, a national alliance of propane companies formed to support and expand the propane vehicle market in the U.S., for several years.

She has also served as Environmental Outreach Coordinator for the city of Boulder, CO, and was previously the Colorado Coordinator for the Department of Energy's Clean Cities program. Prior to this, she worked extensively as a consultant to utilities, alternative fuel providers and municipalities when employed by Barakat & Chamberlin, Inc. and later PG&E Energy Services.

### **Susan Fullen**

*PNM*

Susan Fullen serves as Vice President of Marketing and Customer Service for PNM. She is responsible for the strategic direction and operations of PNM's customer contact, market

services, production operations and customer communications departments.

Before joining PNM, Fullen worked for a number of years at Idaho power, where she served in various executive level positions, including in technology business services, customer service and marketing, and operations. Her most recent position with Idaho Power was General Manager of Technology Business Services. In this role her primary responsibilities included customer relationship management, oversight of technology applications, technology projects, IT service level management and IT general controls management.

### **Howard Geller**

*Southwest Energy Efficiency Project*

Dr. Howard Geller is the Executive Director of the Southwest Energy Efficiency Project (SWEEP). Prior to founding SWEEP, he was Executive Director of the American Council for an Energy-Efficient Economy (ACEEE).

Dr. Geller has advised and conducted energy efficiency studies for utilities, governmental organizations, and international agencies. He is author or co-author of four books, including *Energy Revolution: Policies for a Sustainable Future*, published in 2002 by Island Press. Dr. Geller was awarded the 1998 Leo Szilard Award for Physics in the Public Interest by the American Physical Society in recognition of his contributions to national appliance efficiency standards and more efficient energy use in general.

### **Larry Holmes**

*Nevada Power and Sierra Pacific Power*

As Manager of Customer Programs and Strategies, Larry Holmes is responsible for NV Energy's Demand Side Management program planning, development and evaluation. He is also responsible for distributed generation programs, company owned small renewables, and third party customer payment systems. He was assigned to this position in January 2005.

Larry began his work at Sierra Pacific Power Company and Nevada Power Company in 1981

and has held a number of engineering, management and staff positions in design, planning, operations, economic development, regulatory affairs, and customer service.

Larry graduated from San Jose State University with a Bachelor of Science in Electrical engineering and from the Georgia Institute of Technology with a Masters of Science in Electrical Engineering. He is a Registered Professional Engineer in the State of Nevada and a Certified Energy Manager.

### **Martin Kushler**

*American Council for an Energy Efficient Economy*

Dr. Martin Kushler is Director of the Utilities Program for the American Council for an Energy Efficient Economy (ACEEE), a national non-profit research and policy organization with headquarters in Washington, D.C. While at ACEEE he has directed several national studies of utility and public benefits funded energy efficiency policies and programs. Prior to joining ACEEE, he was Supervisor of Evaluation at the Michigan Public Service Commission for nearly ten years. He has been involved directing research and evaluation regarding energy efficiency policies and programs for over two decades, has been widely published, and has been a consultant to numerous states and the federal government.

### **Margie Lynch**

*Consortium for Energy Efficiency*

Margie Lynch is Program Manager for consumer electronics and residential new construction programs at the Consortium for Energy Efficiency. Her work includes participating in specification development and revisions for ENERGY STAR qualified products, researching and developing programs to promote energy-efficient products, and building relationships with industry. Prior to joining CEE, Margie worked in a variety of capacities in the environmental field, including as an attorney, sustainable transportation and land use advocate, and director of partnerships for Massachusetts' state parks agency. She is a graduate of Middlebury College and Columbia Law School.

### **Douglas Mahone**

*Heschong Mahone Group Inc.*

Douglas Mahone is a managing Principal of the Heschong Mahone Group Inc., and is a licensed architect specializing in building energy efficiency. He applies building science principles and practices to reducing the energy and demand use of new and existing buildings, both residential and nonresidential. Mr. Mahone has a long history of collaborations with major program implementers in the measurement and evaluation of their energy efficiency programs, and in the design and implementation of new efficiency program portfolios. He is also expert in building energy simulation methods and applications. In California, he has been involved with the development of building energy efficiency standards since the early 1980s. Mr. Mahone led the development of California's methodology for estimating savings from energy codes and standards, and for attributing a portion of those savings to utility energy program activities that support advances in those standards. He received his B.S. and M.Arch. degrees from MIT.

### **Mark Modera**

*UC Davis Western Cooling Efficiency Center*

Mark P. Modera is Director of the UC Davis Western Cooling Efficiency Center (WCEC). Dr. Modera joined the WCEC from Carrier Corp., where he was a Vice-President, and from Lawrence Berkeley National Laboratory (LBNL). Dr. Modera was a Principal Investigator at LBNL on many research projects, and developed a new research program focused on thermal energy distribution in buildings. His publications cover a large range of research interests, including: diagnostic tools for heat and mass transfer properties (e.g. dynamic thermal performance of buildings and components, air tightness, soil permeability), air flow modeling and measurement, energy efficiency policy, simulation tools and simplified models for buildings, wood combustion (efficiency, pollution production, third-world cookstoves), aerosol production and transport, and indoor air quality.

While at LBNL, Mark developed an aerosol-based duct sealing process, and subsequently established Aeroseal, Inc. to commercialize the technology. Aeroseal's technical success and market promise became recognized by Carrier, who bought the business in 2001 and retained Mark to help manage it. Mark's broad experience in research, business, entrepreneurship, education, and regulatory environments ideally qualifies him for his current position, leading the WCEC in its mission of partnering to advance energy-efficient cooling systems.

### ***Cosimina Panetti***

#### *Building Codes Assistance Project*

Cosimina Panetti joined the Alliance to Save Energy's Building Codes Assistance Project (BCAP) eight years ago, supporting the organization's nationally recognized efforts to assist states and local jurisdictions in enacting and implementing strong and effective building energy codes through advocacy, technical assistance, outreach programs and coalition building efforts. Ms. Panetti is a Certified Energy Manager through the Association of Energy Engineers, a LEED AP, and a graduate of the State University of New York Institute of Technology.

Prior to joining the Alliance to Save Energy, she spent over 20 years working in different aspects of energy engineering in both the private and public sectors. Working for BCAP, Cosimina has given numerous educational workshops, testimonials and energy code advocacy presentations all over the country. Her work rallying and supporting public and private stakeholders has brought an awareness of the existing regional and local viewpoints that must be accounted for in any successful advocacy campaign. Cosimina has worked effectively with varying perspectives that exist in the country, managing to build consensus which has resulted in far-reaching acceptance and awareness of the value of energy efficient building codes as good public policy.

### ***Tom Plant***

#### *Colorado Governor's Energy Office*

Tom Plant is the Director of the Governor's Energy Office, appointed by Governor Bill Ritter in 2007. Prior to arriving at 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.

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. Prior to UCS, and after graduating from Colorado State University, Tom worked as an exploration geologist.

### ***Jeff Schlegel***

#### *Southwest Energy Efficiency Project*

Jeff Schlegel is SWEEP's Arizona Representative, working with environmental, consumer, and renewable energy groups in support of energy efficiency and distributed resource issues. He has more than 20 years of experience in the energy field, specializing in policy analysis, planning, evaluation and research, and program design for energy efficiency, renewable energy, and low-income energy programs.

In addition to his responsibilities with SWEEP, Mr. Schlegel assists the State of Connecticut Energy Conservation Management Board, the Massachusetts Energy Efficiency Collaborative, and the New England Demand Response Initiative (NEDRI). From July 1997 through March 2000, Mr. Schlegel served as the lead technical consultant to the California Board for Energy Efficiency. In addition, he has worked on energy efficiency policies and programs in New England, Wisconsin, and Arizona.

Mr. Schlegel was the winner of the 1997 Outstanding Achievement Award from the International Energy Program Evaluation Conference.

***Debra Sundin***

*Xcel Energy*

Deb Sundin has been with Xcel Energy for 29 years involved in DSM through Product Management, Market Research and Regulatory Management. She is currently responsible for overall DSM strategy as well as the business and residential energy efficiency programs in Minnesota, Colorado, North Dakota, and Texas New Mexico.

From 1979 to 1991 she provided market research support to Northern States Power and was involved in conservation program design and evaluation work. She became the manager of Residential Marketing in 1992 implementing programs such as Saver's Switch, Appliance Rebates, Appliance Recycling and Lighting. In 1998 she transitioned to Manager, Energy Management where she was responsible for strategic market planning for business products as well as DSM regulatory strategy and filings. Since the merger that created Xcel Energy in August of 2000, she has been managing energy efficiency efforts at Xcel Energy.

Deb received her BS degree in Business Administration from Bemidji State University and an MBA from the University of St. Thomas.

***Stephen Wiel***

*Southwest Energy Efficiency Project*

Stephen Wiel is the Nevada Representative for the Southwest Energy Efficiency Project (SWEET). During the 1980s, Mr. Wiel served for 8 years as a Nevada Public Service Commissioner, presiding over several integrated resource plan filings and related dockets. He was also prominent in the commissioners' national organization, the National Association of Regulatory Utility Commissioners (NARUC), serving as chairman of NARUC's Energy Conservation Committee for four years.

Mr. Wiel is currently the President of the Board of the Collaborative Labeling and Standards

Program (CLASP), a global non-profit corporation he helped found that serves as the world's primary international voice and resource for energy efficiency standards and labeling.

During his tenure as head of the Energy Analysis Department at Lawrence Berkeley National Laboratory (LBNL), he established LBNL's Washington Office, led the greenhouse gas mitigation component of the U.S. Country Studies Program, served as senior advisor to the U.S. Department of Energy on integrated resource planning and demand-side management in the utility sector, and created the initiative on international energy efficiency standards and labels that evolved into CLASP.

Mr. Wiel also serves on the Board of Directors of the American Council for an Energy Efficient Economy. He holds a Bachelor's and Master's degree in Chemical Engineering from Stanford University, and a Doctorate from the University of Pittsburgh, Graduate School of Public and International Affairs.

***Jim Wontor***

*Arizona Public Service*

Jim Wontor currently manages the Demand-Side Management Programs for Arizona Public Service Company. These programs help APS residential and non-residential customers use energy more efficiently. Jim has held this position since September 2007.

Prior to that time, Jim served as Manager of the Company's Load Forecasting function for 6 years, where he was responsible for preparing the company's long range forecast of electric customers, sales, and revenues, as well as monitoring both the U.S. and Arizona economies. Jim's experience also includes 3 years as Director of Customer Care for APS Energy Services, the deregulated subsidiary of APS' parent company, Pinnacle West Capital Corp, and Manager of Customer Research for APS, doing both market and load research with electric customers throughout Arizona.

Jim holds a Masters Degree in Business Statistics from Arizona State University and a Bachelors Degree in Business Management from the University of Montana.