



**Valley Go
Green**

Creative Solutions for a
Sustainable Future

SUMMIT

SPEAKER BIOGRAPHIES

9:00 to 10:00 a.m.

KEYNOTE SPEAKER: TERRY TAMMINEN

In 1993, Terry founded the Santa Monica BayKeeper. He later served as the Executive Director of the Environment Now Foundation in Santa Monica, CA and co-founded the Frank G. Wells Environmental Law Clinic at the School of Law, University of California Los Angeles.

In November 2003, Terry was appointed as the Secretary of the California Environmental Protection Agency by Governor Arnold Schwarzenegger and was later appointed Cabinet Secretary, the Chief Policy Advisor to the Governor.

In February 2007, Tamminen founded the non-profit organization Seventh Generation Advisors. That year he was also appointed as an Operating Advisor to Pegasus Capital Advisors, a private equity fund that provides capital to middle market companies specializing in resource efficiency and sustainable technologies. In 2011 Terry was appointed as Strategic Advisor to the Founding Chair of the R20 Regions of Climate Action, created in 2010 by Governor Arnold Schwarzenegger and other sub-national leaders. An accomplished author, Terry's latest book is *Watercolors: How JJ the Whale Saved Us*. His previous books include *Cracking the Carbon Code: The Keys to Sustainable Profits in the New Economy* and *Lives Per Gallon: The True Cost of Our Oil Addiction*.

10:15 to 11:30 a.m. Educational sessions

EVALUATING THE RETURN ON INVESTMENT OF ENERGY EFFICIENCY UPGRADES

Kimberly Hosken joined Johnson Controls, Inc. in February 2008 as a member of the Global Energy and Sustainability team. Kim leads the global sustainability team which includes people in 14 countries practicing LEED consulting. Johnson Controls has over 17m. sq. feet of LEED certified projects around the globe. Prior to joining Johnson Controls Kim held the position of Director LEED, New Construction for the US Green Building Council in Washington DC. Kim has developed and delivered multiple LEED and Green Building training programs in Dubai, Shanghai, Santiago, the United States and Canada to contractors, designers and manufacturers, over 3000 people have attended her workshops. Kim's areas of expertise include green building, construction management and design for commercial building projects, LEED Consulting, water and air quality management. Kim has over 20 years of experience in construction management with multiple firms including Turner Construction.

Melissa Hobbs is an Application Engineer with Controlco, focusing on building automation in the San Joaquin Valley. She has been with Controlco for 4 years, and previously worked as a project engineer for a mechanical contractor where she designed and managed energy efficiency projects including mechanical, lighting, and control retrofits. Melissa holds a Bachelor of Science in Mechanical Engineering from the University of California at Davis. She is a LEED Accredited Professional and Niagara AX Certified. She is currently serving on the Board of Governors of American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) San Joaquin Chapter; Secretary of California Society of Healthcare Engineers (CSHE) Kings River Chapter; and a member of the CSU Fresno Mechanical Engineering Advisory Council.

Devin J. Ernst is a Client Representative for Schneider Electric Energy Solutions. He attended school at Cal Poly in San Luis Obispo where he double majored in business and general engineering, with a focus on entrepreneurship and sustainable packaging design. Devin has been working in the green technology field since 2008 where he has gained unparalleled project experience with energy efficient technologies, photovoltaic array design, and electrical power systems.

FUNDING COMMERCIAL ENERGY PROJECTS

Mr. Michael Chapin has extensive experience with public sector financing, and his vision for PACE financing is well respected among agency leaders. Mr. Chapin is responsible for leading and managing new business development activities with local government agencies. He also serves as the company's key ambassador and speaker at conferences and meetings where PACE financing is being discussed and evaluated. Before forming Figtree Energy Resource Company, Mr. Chapin was a Finance Officer for MBIA MuniFinancial and NBS Government Solutions. He has also served the California Society of Municipal Finance Officers as a certified review specialist. Mr. Chapin earned a Bachelor of Economics and a Professional Certificate in Accounting from the University of California, San Diego (UCSD).

Mr. Paul Chamberlain founded EPS in 2003 to "protect" businesses from the operational and financial impacts of our global energy crisis. Over 800 energy efficiency and renewable energy projects have been completed since. Starting in a small office in Fresno, Mr. Chamberlain has led EPS into a multi-state operation with several locations and a competent team of professionals. Today, EPS has become a valued resource to businesses seeking to reduce the escalating costs of energy through a comprehensive suite of technologies and services, carbon footprint reductions, corporate social responsibility, and uniting employees and employers in sustainability practices. Mr. Chamberlain is a graduate of Fresno State University with a Masters Degree in Business Administration. He spent the first ten years of his career working in industrial distribution and onsite power generation. His early roots were in agriculture being raised on a farm in the central valley.

Joseph Oldham is currently the Sustainability Manager of the Sustainable Fresno Division of the Planning and Development Department within the City of Fresno and is chairman of the Fresno Green Team. He is directly responsible for implementing Fresno's Energy Efficiency and Conservation Strategy.

SUSTAINABLE/RENEWABLE ENERGY: THE UNUSUAL SUSPECTS

Lewis (Lew) Nelson graduated with BS degrees in Geology and Mining Engineering in 1972 from the New Mexico Institute of Mining and Technology in Socorro, New Mexico. Lew spent the first ten years of his career in open pit mining of copper, coal and limestone in Arizona, Illinois and Kentucky. Lew joined Pima County, Arizona (Tucson) Wastewater Management Department as an engineering planner for five years. Lew was appointed Public Works Manager with the city of Visalia, California in 1987, responsible for managing wastewater and storm drainage operations and construction of \$40 million of wastewater treatment plant projects while administering two US Department of Commerce Economic Development Administration grants. Lew was appointed Public Works Director with the city of Tulare, California in 2003, responsible for water, wastewater, storm drainage, solid waste, street maintenance and fleet maintenance. Lew has overseen construction of over \$125 million of wastewater plant projects in Tulare, including the installation of four 300 kW biogas fuel cells and a 1.0 MW solar photovoltaic plant. The fuel cell project included the administration of \$4.95 million in Self-Generation Incentive Program grants. Lew is a registered civil engineer in California.

Adam Maskal is a Senior Civil Engineer with Provost & Pritchard Consulting Group. With over ten years of experience in Waste Containment, Wastewater Handling, and Animal Confinement Facility engineering, he has been involved with all aspects of projects from initial project feasibility studies through investigations, design, permitting, Construction Quality Assurance, and ongoing monitoring/reporting for a wide variety of facilities. His project experiences include the lagoon lining system on the first dairy digester to inject biomethane into the natural gas into the grid in California, and a dairy anaerobic digester project with an engine generator set in Kern County that recently came online. Mr. Maskal is also the manager of Provost & Pritchard's Natural Resources Practice Group, oversees internal quality control and quality assurance operations for its Visalia, CA branch office, and acts as a senior reviewer on all geo-synthetic membrane lining projects engineered by the company.

Additional panelists also include representatives of EdeniQ, Visalia (invited).

12:00 to 1:15 p.m. LUNCH PANEL

GETTING STARTED WITH RENEWABLE ENERGY AND ENERGY EFFICIENCY

The **Coalition for Clean Air (CCA)** is committed to restoring clean, healthy air to all of California and strengthening the environmental movement by promoting broad-based community involvement, advocating responsible public policy and providing technical expertise. CCA was founded in 1971, at a time when clean air in California seemed almost unimaginable. Our efforts since then—from spearheading California's original Smog Check program, which reduces 100 tons of automobile pollution every day, to helping pass California's landmark global warming law and working to protect communities from the effects of climate change—have helped position California as a world leader in combating air pollution.

Jeanne Clinton is Special Advisor for Efficiency at the California Public Utilities Commission (CPUC), appointed by Governor Brown. Previously she was Governor Schwarzenegger's Clean Energy Advisor at the CPUC, during which time she led the California

Solar Initiative and guided California's Long-Term Energy Efficiency Strategic Plan. She frequently testifies at the California legislature on energy policy matters. Jeanne has spent her career working on clean energy issues, sustainable development, and climate mitigation in a variety of roles, from government policy and strategy, to utility and government program delivery, both in the U.S. and internationally. She has degrees from Dartmouth College and UC Berkeley.

Thomas E. Jordan is the Senior Policy Advisor at the San Joaquin Valley Unified Air Pollution Control District, where he is responsible for developing policy recommendations for District projects and providing recommendations concerning legislation effecting air quality in the San Joaquin Valley. Prior to his current position, Mr. Jordan developed a number of District regulations with community wide application including the fireplace regulation, Indirect Source Rule, and the trip reduction regulation in the early 1990s. He has served as the District liaison with the eight San Joaquin Valley Transportation Planning Agencies and is current on the Board of the San Joaquin Valley Clean Energy Organization. Mr. Jordan holds a Bachelor of Arts in Economics from the University of California at Irvine. Prior to joining the District in 1993, Mr. Jordan worked for the Kings County Association of Governments as a Transportation Planner.

Additional panelists include Commissioner Karen Douglas of the California Energy Commission, and Steve Rapada, current Facilities Manager of the San Joaquin Valley College.

1:20 to 2:35 p.m. Educational sessions

CALGREEN AND LEED

Michael "Mike" Nearman joined the California Building Standards Commission in 2000. He served as an Architectural Associate until he was named Deputy Executive Director in December 2011. For more than a decade Mike has been intricately involved in California's code development and approval processes. He has gained a wealth of experience and knowledge concerning California's building codes and regulatory rulemaking practices. He has been and remains a key contributor to the development and maintenance of CALGreen, California's first-in-the-nation Green Building Standards Code.

Mike joined the commission with many years of private sector experience with large architectural firms. He was routinely a job captain or project manager on both commercial and residential projects, managing both the workforce and construction aspects.

Edward Cornejo, Principal of the Green Professional Training Center, has over 18+ Years of experience in Green Building Project Management, Acquisition & Planning and Land Development. Architectural Design and Purchasing. Edward processes a Bachelor of Science degree in Construction Management. Edward is directly involved with the day-to-day operations of the Green Professional Training Center and his focus is training & education.

- Leadership in Energy & Environmental Design (LEED) AP Instructor
- Building Performance Institute (BPI) Instructor
- Certified Associate Project Management (CAPM) Instructor
- California Building Code (CalGreen) Building Code Instructor
- Weatherization Instructor
- Energy Audit Instructor
- Green Job Career Counselor

Loren Aiton has been involved in the construction industry for over 28 years, and a Licensed Architect since 1988. He has performed in the capacity of Designer, Project Manager, Project Architect, Construction Administrator, Construction Program Manager,

and LEED Accredited Professional through all phases of design and construction of new and remodeled facilities on both Public Sector and Private Sector Projects. Loren became involved in Sustainable Building in 2003 and a LEED Accredited Professional in 2004. As a LEED Accredited Professional in the Central San Joaquin Valley, he has been a frequent speaker and educator for Green Building Practices, Sustainability, LEED and the CALGreen Building Code throughout the region. As a Charter Member of the USGBC Central California Chapter he is involved regionally and nationally in continued development of LEED, including having served on the California committee for LEED 2009 BD&C, ID&C, EBOM Regional Priority Credits. He is currently serving as Central California Chapter committee chair for the LEED 2012 Regionalism program.

FUNDING RESIDENTIAL GREEN ENERGY PROJECTS

Bonnie Low is a Senior Program Manager with Ecology Action, the non-profit organization responsible for administering the \$300 million stimulus-funded Energy Upgrade California pilot program. Bonnie is responsible for overseeing Ecology Action field staff and sub-contracting energy efficiency organizations that provide technical support and program implementation in four of California's six program regions. The regions include the Central Valley, North Coast, Southern California and Capitol regions. Prior to joining Ecology Action, Bonnie founded Greenleaf Project Management, a sustainability consulting firm specializing in project management and non-profit development. Bonnie spent eighteen years working in the public sector for local governments in Northern California in the fields of solid waste and hazardous waste management prior to developing her consulting firm.

Kevin Nunn is an Energy Financing Specialist with Energy Upgrade California. He has spent his 18-year residential lending career promoting programs that allow home buyers and home owners who are refinancing their mortgages to improve the energy efficiency of their homes. Kevin has extensive experience with residential energy efficiency financing products and leads the mortgage industry in processing Energy Efficient Mortgages (EEMs). Kevin has developed the statewide energy finance curriculum, resource library and protocols used by Ecology Action and other program partners through the Energy Upgrade California program.

Joseph Oldham is currently the Sustainability Manager of the Sustainable Fresno Division of the Planning and Development Department within the City of Fresno and is chairman of the Fresno Green Team. He is directly responsible for implementing Fresno's Energy Efficiency and Conservation Strategy.

COMMERCIAL UTILITY REBATE AND TAX INCENTIVE PROGRAMS

Troy Nguyen is Southern California Edison's southern region energy advisor responsible for working with Edison's mass market business customers in Orange County and surrounding areas to promote Edison's Energy Efficiency programs and services. Currently he is also Edison's liaison in working with the Vietnamese, Cambodian and Filipino American business communities in Southern California. Prior to joining Edison, Nguyen worked as Executive Director of the Vietnamese American Chamber of Commerce in Orange County and also worked as Project manager for Dynalink Systems. Nguyen graduated from California State University Chico with a degree in Chemistry in 1997.

Don McDougall is the Director of National Accounts for Engineered Tax Services. ETS is the nation's premier provider of EAct certifications, providing CPE courses to over 1,000 CPAs and Architects every year. Don is the author of over a dozen published articles on EAct and the related tax benefits. He has spoken at multiple SSL conventions and the AEE congress. Much of his work has been groundbreaking, combining 30 years of experience in building componentization with the benefits of EAct. Additionally, he is recognized as an expert in the valuation of historical structures and antique buildings. His most interesting consulting projects included the valuation of Winston Churchill's yacht from the Yalta Conference in WWII, and the valuation of the MG film library. Don is a graduate of UCLA with a degree in Mathematics.

Additional panelists include representatives of PG&E (invited).

2:45 to 4:00 p.m. Educational sessions

SOLAR: REBATES AND FINANCING OPTIONS

Hector R. Uriate Jr. is the Green Jobs Coordinator for the Solar and Weatherization training programs at Proteus, Inc. He is responsible for reaching out to the solar industry enterprises in the San Joaquin Valley and advocating for the hiring of local residents who have completed the solar and weatherization training programs. Hector also acts as a public relations liaison and advocates by collaborating with local economic development corporations, local WIBs, and One Stop partners to leverage resources and identify employers in high growth industries. Through his networking and collaborative efforts, Proteus, Inc. has partnered with companies such as SolarGen USA, Grid Alternatives, Mounting Systems, and Westlands Solar Farms. Hector also participates with the Fresno County Employment Development Corporation Clean Energy Cluster to promote renewable energy in Fresno County and on behalf of Proteus is also a proud member of the Interstate Renewable Energy Council.

Devin J. Ernst is a Client Representative for Schneider Electric Energy Solutions. He attended school at Cal Poly in San Luis Obispo where he double majored in business and general engineering, with a focus on entrepreneurship and sustainable packaging design. Devin has been working in the green technology field since 2008 where he has gained unparalleled project experience with energy efficient technologies, photovoltaic array design, and electrical power systems.

Additional panelists include representatives of SCE and PG&E (invited).

INTEGRATING SUSTAINABILITY AND EDUCATION

Mr. Mark Alvis is the president of Alvis Projects, which is a design/build general contracting company focusing on energy efficient construction and green education. They use insulated concrete forms, structural insulated panels, photovoltaic systems and many other "green" technologies. Alvis Projects is the Central Valley Distributor for Logix ICF, certified installers for Velux Solar Hot Water Systems, and the new Owens Corning Energy Complete Insulation System. Mark started Alviston.com in response to the never-ending need for quality information about energy efficient building. In addition to the original website which features the Alviston.com Mayor's blog, and the "green categories" newalviston.com features green news and green projects like the Buchanan Energy Center. The newest website, alviston.live will have ongoing projects like the Tankhouse Project and feature The Alviston Green Team as well as Good Morning

Green. In addition to supplying the ICFs for the Buchanan Energy Center, Mark was an energy consultant for SIM Architects as well as helping in development of the curriculum for the Energy and the Environment Pathway. Mark is also the owner of Mind Light Works which is currently producing a TV show called "Green Planet."

Frank Ferral has been the Program & Public Policy Director for the Greater Stockton Chamber of Commerce for the past 14 years. He staffs the award-winning Green Team San Joaquin. The Green Team San Joaquin has five distinct sustainability programs, including the Recycling Energy Air Conservation (REACON) program. REACON has partnered with Health Air Living to assist businesses in reducing their costs through environmental stewardship throughout the Central Valley. Ferral holds a Masters in Public Administration and a BA in Political Science, both from California State University, Stanislaus.

Additional panelists include Yupeng (Vivien) Luo, Construction Management Program California State University, Fresno.

DESIGNING THE NET ZERO BUILDING

Peter Coates is a Project Manager for Davis Energy Group. Peter's duties include project management, LEED for Homes Green Rating services, LEED for Homes Consulting, and Retrofit Program management. Peter's previous experience as a licensed general contractor in Nevada and California provide him with a unique perspective on sustainable design and construction practices. Peter was involved in the LEED for Homes Pilot program and has constructed several LEED certified buildings. Peter's credentials include: LEED AP + Homes +BD&C, LEED for Homes Green Rater, BPI Certified Building Analyst, Licensed General Contractor, Nevada and California, and a Bachelor of Arts, Old College at Reno.

Alea German is a Senior Engineer for Davis Energy Group. Focusing on energy modeling, she performs analysis, evaluation and optimization of energy efficient technologies in buildings using multiple modeling programs including BEopt, EQuest, EnergyPro, Energy Gauge, and TRNSYS. Alea has worked in the energy field since 2006 and was previously employed by RLW Analytics where she conducted measurement and verification of energy incentive programs throughout the country. Additionally, she has experience with field surveying and testing of energy efficiency measures both in retrofit and new construction applications. Alea earned her M.S. in Mechanical Engineering from the University of California, Davis and her B.S. in Mechanical Engineering from The Johns Hopkins University. She is an Engineer-in-Training in California as well as a residential Certified Energy Plans Examiner.

Steve Earl is President and CEO for Sequoia Energy Services, a Building Performance and Energy Solutions service provider, designing custom retrofit projects for businesses and home owners throughout the San Joaquin Valley. He has over 30 years of experience in the Construction Industry, including a 20 year tenure with the Llewellyn Group, a UK based general contractor, developer and system home builder that specialized in energy efficient construction techniques. Prior to Sequoia Energy Services, Steve worked as Community Services and Employment Training's Division Director of Sequoia Community Corps, which included overseeing the weatherization programs, which retrofits energy efficiency measures to hundreds of low income homes in Tulare County each year. Steve holds a General Contractor's license and is the RMO for SES.