



Thursday, June 25, 2015  
 Frances C. Arrillaga Alumni Center



**Stanford**  
 University

Presented by  
**Precourt Energy Efficiency Center**



## AGENDA

TIME	SESSIONS		
7:30 – 8:30	Registration, continental breakfast and networking		
8:30 – 8:45	<b>Welcome and Introduction:</b> <b>James Sweeney</b> , Director, Precourt Energy Efficiency Center, Stanford		
8:45 – 9:45	<b>Comments on the State of the Energy System</b> by <b>George Shultz</b> , Chairman, Task Force on Energy Policy, Hoover Institution; former U.S. Secretary of State, Treasury and Labor  <b>Keynote Address: Outlook for Clean Energy</b> <b>Dan Arvizu</b> , Director, National Renewable Energy Laboratory, U.S. Department of Energy		
9:45 – 10:15	Networking break, Solutions Showcase and sponsor tables		
	<b>PARALLEL SESSIONS</b>		
10:15 – 11:25	<b>Community Choice Energy Has Arrived in California: Is Silicon Valley Ready?</b>  <b>Joe Como</b> , Acting Director, Office of Ratepayer Advocates, California Public Utilities Commission  <b>Ann Hancock</b> , Executive Director, Center For Climate Protection  <b>Dawn Weisz</b> , Chief Executive Officer, Marin Clean Energy  <i>Moderator: <b>Jan Pepper</b></i> , Electric Division Manager, Silicon Valley Power; Mayor, City of Los Altos	<b>Take Charge: Synergies with Distributed Storage and EVs</b>  <b>Tom Gage</b> , Chief Executive Officer, EVGrid  <b>Sila Kiliccote</b> , Smart Grid Leader, SLAC; Demand Response Expert, Google  <b>Arch Padmanabhan</b> , Stationary Energy Storage, Tesla Motors  <i>Moderator: <b>Anthony Eggert</b></i> , Program Director-Oil, ClimateWorks	<b>Management for Energy Efficiency: Making a Good Thing Even Better</b>  <b>Richard Hart</b> , Practice Lead for Transformation Services, EnerNOC  <b>Bill Mitchel</b> , Senior Director, World Wide Public Sector, Microsoft  <b>James Sweeney</b> , PEEC  <i>Moderator: <b>Margaret Taylor</b></i> , Research Associate, PEEC; Project Scientist, Lawrence Berkeley National Lab
11:25 – 1:00 <i>Speakers at 12:00</i>	<b>Luncheon Debate:</b> <i>Resolved: "Internal Combustion Engines Have No Future in California."</i>  <b>Drew Baglino</b> , Director of Engineering, Tesla Motors <b>John Boesel</b> , President and CEO, CALSTART <b>Mark Platshon</b> , Senior Advisor, BMW i-Ventures; Managing Director, Icebreaker Ventures <b>Justin Ward</b> , General Manager, Powertrain System Control Department, Toyota  <i>Moderator: <b>Jeffrey Ball</b></i> , Scholar in Residence, Steyer-Taylor Center for Energy Policy & Finance, Stanford		

		PARALLEL SESSIONS	
1:10 – 2:15	<p><b>Tomorrow’s Headline: “Collapse of Water in the U.S. West”</b></p> <p><b>Mike Chrisman</b>, Partner, Chrisman Ranches; former California Secretary for Natural Resources</p> <p><b>Frances Spivy-Weber</b>, Member, California State Water Resources Control Board</p> <p><b>Leon Szeptycki</b>, Executive Director, Water in the West Program, Stanford</p> <p><i>Moderator: Jeff Byron</i>, Fellow, Stanford Distinguished Careers Institute</p>	<p><b>Net Positive Energy: Breaking the Just-Enough Model</b></p> <p><b>Archelle Funnié</b>, Commissioner, East Palo Alto Planning Commission</p> <p><b>Dian Grueneich</b>, Senior Research Scholar, PEEC; former CPUC Commissioner</p> <p><b>David Kaneda</b>, Managing Principal, Integral Group</p> <p><b>Brad Liljequist</b>, Technical Director, Net Zero Energy Buildings and Living Community Challenge, International Living Future Institute</p> <p><i>Moderator: Marianna Grossman</i>, President and Executive Director, Sustainable Silicon Valley</p>	<p><b>Start Your Start-Up: Resources for Energy Entrepreneurs</b></p> <p><b>Mike Graveley</b>, Deputy Division Chief for Energy Research, California Energy Commission</p> <p><b>Larry Kelly</b>, Chief Executive Officer, Kelly Ventures; Member, Band of Angels</p> <p><b>Dawn Lippert</b>, Co-Founder and Director, Energy Excelerator</p> <p><b>Vern Norviel</b>, Partner, Wilson Sonsini Goodrich &amp; Rosati</p> <p><i>Moderator: Barbara Heydorn</i>, Senior Director, Energy Center, SRI International</p>
2:25 – 3:30	<p><b>Conversations for Action</b></p> <p>This new format allows conference participants to engage in stimulating, in-depth dialogue on topics of special interest. These conversations will be led by experts from industry and research, giving you time to exchange ideas, explore questions and meet others with shared interests.</p> <p><i>Introduction: Mariana Grossman</i>, SSV</p> <p><i>See page below for details.</i></p>	<p><b>The Future of Energy: Stanford’s Big Clean Energy Gamble</b></p> <p><b>Jack Cleary</b>, Associate Vice President, Land, Buildings &amp; Real Estate, Stanford</p> <p><b>Ron Gawer</b>, Director–Energy Operations, Stanford</p> <p><b>Bill Kelly</b>, Vice President, Commercial Americas, SunPower</p> <p><i>Moderator: Jeff Byron</i>, Fellow, SDCI</p>	<p><b>Out of the Closets: Optimizing Network Closets and Small Data Rooms</b></p> <p><b>Joyce Dickerson</b>, Head of Global Datacenter Sustainability, Google</p> <p><b>Jerry Meek</b>, Energy and Sustainability Manager, Genentech</p> <p><b>Ralph Renne</b>, Director of Site Operations, NetApp</p> <p><i>Moderator: Mukesh Khattar</i>, Technical Executive, Electric Power Research Institute</p> <p><i>Session sponsored by PG&amp;E.</i></p>
3:30 – 3:50	Networking break, Solutions Showcase and sponsor tables		
3:50 – 4:50	<p><b>Keynote Address: “Energy, Environment, High Tech and Silicon Valley Partnerships: Happening Now in the Navy”</b></p> <p><b>Dennis McGinn</b>, Assistant Secretary of the Navy–Energy, Installations and Environment</p> <p><b>William Perry</b>, Professor (Emeritus), Stanford; Senior Fellow, Hoover Institution; Director, Preventive Defense Project; former U.S. Secretary of Defense</p>		
4:50 – 5:00	<b>Wrap-Up and Adjourn: James Sweeney</b> , PEEC		
5:00 – 7:00	Networking reception, Solutions Showcase and sponsor tables		

*Please choose from among these small-group discussions to share knowledge on a targeted topic in exchanges led by experts.*

### 1 Energy Efficiency

Purpose: Strategic energy demand and supply management strategies and tools.

Expert: **Mandeep Khara**, VP—Marketing and Channels, Daintree Networks

Facilitator: **Walker Kellogg**, Founder, Inspired Labs

### 2 Energy Storage

Purpose: Grid-scale storage technology and deployment approaches to solve grid challenges that come with the shifting energy generation and load make-up.

Expert: **Nick de Vries**, Head of Silevo Product Management, SolarCity

Facilitator: **Ray Martin**, President and CEO, Advanced Lighting Technologies, Inc.

### 3 Energy Analytics

Purpose: The key to achieving a successful energy program is understanding how energy analytics provides energy insight and best program solutions.

Experts: **Michael Steifman**, Chief Executive Officer, Utilisave

**Kurt Yeager**, Vice Chairman, Galvin Electricity Initiative

Facilitator: **Dian Grueneich**, Senior Research Scholar, PEEC and Hoover Institution

### 4 Community Choice Energy

Purpose: Allows cities and counties to purchase and/or generate electricity for their residents and businesses.

Experts: **Jason Caudle**, Deputy City Manager, City of Lancaster, Calif.

**Jan Pepper**, Mayor, City of Los Altos; Electric Division Manager, Silicon Valley Power

Facilitator: **Chuck Wilhelm**, Principal, Chuck Wilhelm & Associates, EnLight Energy

### 5 Net Positive: Beyond Net Zero

Purpose: Imagine if we could generate more renewable energy than we use, sequester more carbon than we emit, and use only the water we have locally, all by the year 2050? The County of Santa Clara has developed a geo-economic modeling tool to help communities adapt to the impacts of a changing climate.

Expert: **Demetra McBride**, Director of Sustainability, County of Santa Clara

Facilitator: **Kimberly Wiefeling**, Senior Advisor, Sustainable Silicon Valley

### 6 Financing Green Projects

Purpose: Investments in the clean technology sector often combine capital intensity with new technologies. Securing project finance can prove to be a critical step in the path to commercialization.

Expert: **Larry Kelly**, Managing Director, Kelly Ventures

**Vincent Siciliano**, President and Chief Executive Officer, New Resource Bank

Facilitator: **Andrew Clark**, Director of Corporate Strategy, IBM Venture Capital Group

### 7 Advanced Manufacturing and Required Electric Infrastructure

Purpose: Emerging trends in advanced manufacturing, including additive manufacturing technology applications.

Expert: **Siva Sethuraman**, Manager and Principal Lead—Industrial/Ag/Water Programs, PG&E

Facilitator: **Marek Samotyj**, Power Program Manager, Electric Power Research Institute

### 8 Expanding the Community of Energy Entrepreneurs

Purpose: How can the state do a better job of helping a more diverse group of energy innovators achieve success in California? Outreach to small businesses and businesses led by historically underserved communities can be challenging. What works today? What more can be done?

Expert: **Adam Gottlieb**, Marketing and Outreach Specialist, California Energy Commission

**Archelle Funníe**, Commissioner, East Palo Alto Planning Commission

Facilitator: **Barbara Heydorn**, Senior Director, Energy Center, SRI International