

## About the 2004 DER Policy Symposium

This year we invite public and private stakeholders from regional, local, state and national interests to explore and develop a collaborative policy direction for DER.

Each session is designed to educate participants on the status, issues, challenges and opportunities of each topic. During the conference participants will be led through facilitated discussion of issues, challenges, and ideas for action. You will weigh advantages and disadvantages of alternative perspectives and seek a shared direction for a responsive and equitable policy framework in each issue area.

These “policy recommendations” will be useful as a framework for other states as well as California. The rules of engagement for participants require a commitment to respect opposing views and opinions that may conflict with their own and to engage in open dialogue in order to move beyond barriers and conflict where consensus is critical to delivering the benefits of DER. Participant views will be incorporated into suggested regulatory and legislative briefs distributed to conference attendees and policymakers.

### Highlights

#### **National End User DER CHP Project Showcase – Pacific Southwest CHP Initiative**

Developed and administered by Pacific Southwest Combined Heat and Power Initiative and the DOE Pacific Region CHP Application Center.

#### **Emphasizing Public-Private Partnerships**

Nationwide, there is a growing demand for regional energy sustainability and reliability - DER is a critical component. Events in the Northeast and California’s experience has accelerated the public debate about DER and its’ role in our energy present and future.

- *How do we move beyond the inherent conflicts and challenges of hybrid regulatory markets to ensure equity, environmental stewardship, safety and reliability, cost-effectiveness and efficiency for all consumers of energy?*
- *How do we deliver the benefits of DER in a sustainable manner that keeps investment flowing, propels the advancement of technology, preserves customer confidence and choice, and equitably balances costs and benefits fairly among ratepayers and energy providers, including the T&D market players?*
- *How should regional mechanisms be created that result in new, planned DER that is integrated and coordinated within local and statewide resource planning in every area of infrastructure?*
- *What conflict or cultural/structural/political challenges exist that hinders the complete delivery of the benefits of DER and what should be done to solve the impasse(s)?*
- *What specific actions and policy recommendations can and should each stakeholder in California undertake to effect successful changes to policy and regulatory outcomes?*

**January 26, 2004**

**Conference Registration**

**4 – 6 pm**

### **Afternoon Session**

**1:00 – 5:00 pm Open Session for Regional CHP Roadmap Session**

**Sponsors: US Department of Energy's Seattle Regional Office and the PSWCHPI**

*Hosted Refreshments after the session*

Join CHP advocates and stakeholders to identify current barriers to combined heat and power project implementation in the Pacific Southwest. Assist in the development of specific, near-term action items that aggressively enable project implementation. Energetics Incorporated will facilitate the meeting and provide a written account of the proceedings.

**5:30-6:30 pm**

**Open Meeting with DOE CHP Application Center Officials**

Open to all registrants – Come meet the App. Center Leaders and provide input into application center design.

1/20/04

January 27, 2004

Registration

7 am

7:00 am – 7:45 am Continental Breakfast  
Barcino Pavilion

Sponsored by: Downey Brand Attorneys LLP

**Distributed Energy Resources: Sustaining the Momentum...Delivering the Benefits**

8:00 am– 8:45 am Main Ballroom ABC

*Keynote Speaker*

**William Parks** – US DOE, Deputy Assistant Secretary of Energy

**Scott Samuelsen** – UC Irvine, CHP Application Center Update

8:45 am – 11:45 am Main Ballroom ABC  
10:15 – 10:30 Break

**Cost and Benefits of DER**

**Session Moderator:**

**Jeff Byron** – Byron Consulting Group

**Panelists:**

**Peter Evans** – New Power Tech – SVMG PIER Study

**Edan Prabhu** – Reflective Energy – Focus II Findings

**Rob Sirvaitis** – PRM Consultants – Factual Primer

**Nicholas Lenssen** – Primen, Inc. – Market Perspective

**Ellen Petrill** – Electricity Innovation Institute (E2I) – Utility Perspective

**Wendy Gumb** – Utility Perspective

- *What are the Economic Benefits and Costs of DER Today?*
- *What Studies and Research will Guide Regulatory Acknowledgement?*
- *Factual Primer on Costs and Benefits within a CA Utility*
- *End Use Customers and Utilities – Different Perspectives*
- *What Regulatory Action Will Answer Policymaker Concerns?*

**Noon - 1:30 pm Luncheon Panel  
Main Ballroom DEF**

**DER Ownership and Operation – The Utility Perspective:  
How do the utilities square deploying DER without affecting the tariff and  
rate structure for all to use?**

**Session Moderator:**

**Richard Brent** – Solar Turbines

**Panelists:**

**Mark Fallek** – Detroit Edison

**Susan M. Buller** – Senior Regulatory Analyst, PG&E

SCE

Utilities are beginning to deploy DER technologies - some are doing it within the context of demonstration, some within the context of “best cost value” considering the grid upgrades versus DG located where the grid is constrained, others are planning their use of DG/DER as a part of the service proposition for their customer.

**1:30 pm – 2:30 pm Networking & Exhibits  
Barcino Pavilion**

**2:30 pm– 5:00 pm  
Room G**

**Community Choice and DER**

**Session Moderators:**

**Pat Stoner** – Local Government Commission

**Panelists:**

**Cynthia Wooten** – Energy Consultant

**Thomas Crooks** – Navigant Consulting, Inc

**Bess Vrettos** – Consultant, Northeast Ohio Public  
Energy Council

**Mayor Don DiLiberto** - Chair, Northeast Ohio Public  
Energy Council

**Glenn Krassen** - Legal Council, Northeast Ohio Public  
Energy Council

- *Overview of AB 117 – Origins of Community Choice*
- *From the Trenches – What Ohio’s Experience in Implementing Community Choice Teaches Us*
- *Status and Opportunity of CA Community Choice Pilot Program and Ties to Resource Planning and Procurement*
- *Opportunity for DER in Community Choice*

**2:30 pm – 4:00 pm  
Room F**

**Communications and Control**

**Session Moderator:**

**Josh Meyer** – Encorp

**Panelists:**

**Rich Rogan** – Honeywell

**Jim Crouse** – Valley Detroit Diesel

**Jim King** – Turbine Air Systems

**4:00 pm – 5:00 pm  
Room ABC**

**Advanced Control Systems for the Grid**

**Session Moderator:**

**Patrick McLafferty** – The Rutland Group

**Panelists:**

**Roland Schoettle** – Optimal Technologies (USA) Inc

**Peter Evans** – New Power Technologies

**4:00 pm – 4:15 pm      Break**

**Sponsored By: Attainment Technologies**

**5:00 pm – 6:00 pm      Main Ballroom ABC**

**Financing, Risk and Investment in DER**

**Session Moderator:**

**Steve Provol** – President, Competitive Energy Insight, Inc.

**Panelists:**

**David Simpson** – North Bay Partners

**Robert Joyce** – Attorney, Joyce and Joyce Attorneys at Law

**Charles Curtis** – Northern Power Systems

Legal, financial and business development insight focused on power project and energy company development and financing.

**6:00 pm – 7:30 pm      Reception  
Barcino Pavilion**

**National CHP Best Practice Projects Walk of Fame**

January 28, 2004

**7:00 am to 8:00 am Continental Breakfast  
Barcino Pavilion**

**Sponsored By: Centrax Ltd., Gas Turbine Division**

**8:00 am to 8:15 am Main Ballroom ABC  
Morning Remarks**

**Dan LeFevers** – Manager for State and Local Government Initiatives, Gas Technology Institute  
“US National CHP “Recycle Energy” Branding Campaign”

**8:30-10:00  
Main Ballroom ABC**

**Air Emissions and Efficiency – Updates and New Frontiers**

**Session Moderator:**

**Eric Wong** – Cummins West Inc., and past Co-Chair, California Clean DG Coalition

**Panelists:**

**Jan McFarland** – Cal-SEIA

Using Standards and Incentives to Accelerate Performance

**Keith Davidson** – DE Solutions

Update on State, Federal and Local Standards for emissions and CHP efficiency. Technology Update –  
Advancing to Market Penetration and Commercialization

**Joe Iannucci** – Distributed Utility Associates

DR: Past Successes and Current Frontiers – Hindsight is Always 20/20

**10:00 to 10:15 am Break  
Barcino Pavilion**

**10:15 am – Noon  
Main Ballroom DEF**

**Interconnections Standards and Costs – Impact on Market Development**

**Session Moderator:**

**Kevin Best** – Principal, RealEnergy, Inc.

**Panelists:**

**David Van Holde** – eSource

**Andrew Spahn** – NARUC

**Randy Minnier** – MPE Consulting

**Robin Luke** – RealEnergy

**Chuck Whitaker** – Endecon

- *Simplified versus Network – State versus Federal – Overview of Rules – Status and Future*
- *Real World Examples of Technical versus Policy Challenges, Barriers and Opportunity*
- *Primer on IEEE 1547 Progress, R21*
- *Net Metering – Overview of Current Tariffs and Discussion of Current Enhancements and Future*

1/20/04

**12:00 pm - 1:30 pm Luncheon Panel  
Main Ballroom DEF**

**California's Energy Policy and DER**

**Speakers:**

**Jim Boyd** – Commissioner, California Energy Commission.  
**Joe Desmond** – Infotility and SVMG

**1:30 – 1:45 pm Break**

**Foyer**

**1:45 pm – 3:00 pm  
Room ABC**

**Update and Primer on Permitting**

Air Quality Permitting – **Mohsen Nazemi** – South Coast Air Quality Management District

CEQA and Local Permitting Process – **David Claycomb** – Helix Environmental

Environmental Justice – **James Westbrook** – BlueScape Environmental

Interconnection, Electrical & Building Code Issues – **Mike Magee** – San Diego Regional Energy Office

Integrated Permit Planning and Case Studies – **Shirley Rivera** – Resource Catalysts, Inc

**Questions and Interactive Discussion moderated by:**  
**James Westbrook** – BlueScape Environmental

**1:45 pm – 3:00 pm  
Room G**

**DER in the Central Valley**

**Session Moderator:**

**JP Batmale** – Great Valley Center

**Invited Panelists:**

**Allen Dusault** – Sustainable Conservation  
**Jim Tischer** – CSU Fresno Center for Irrigation Technology

- *Applicability of DG as a regional tool to meet future energy needs*
- *Environment, growth, economics and regulations in the Central Valley Region*
- *Policy Background effecting DG uptake in the Central Valley*

**3:00 pm Main Ballroom ABC  
Closing Remarks**