

# DER - All Power is Local!

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The 6th Annual International Symposium on Distributed Energy Resources

September 7 - 9, 2005

Westin Santa Clara  
Santa Clara, California

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*Presented by:*

**California Alliance for Distributed Energy Resources**

*and*

**California Solar Energy Industries Association**

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*Sponsored by:*

## **Platinum**

California Energy Commission  
U.S. Department of Energy

## **Gold Sponsors:**

PG&E  
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Fuel Cell Energy

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Solar Turbines	EPRI
PowerLight Corp	RealEnergy LLC
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International Power Technology	ENCORP
Chevron Energy Solutions	Akeena Solar
Satcon Power Systems	National City Energy Capital
Shell Solar	Sun Power
Silicon Valley Power	

# "Distributed Energy Resources: *All Power is LOCAL!*"

hosted By:

## **California Alliance of Distributed Energy Resources (CADER)**

CADER ([www.cader.org](http://www.cader.org)) is dedicated to successfully facilitating the smooth deployment of economic, efficient and environmentally friendly distributed energy resources into the competitive energy market. Members of CADER represent all aspects of the energy industry and are focused on providing objective and much needed information on DER to government, industry and consumers alike. CADER continues to dedicate its efforts to facilitating the DER industry.

## **California Solar Energy Industries Association (Cal SEIA)**

The California Solar Energy Industries Association (CAL SEIA) ([www.calseia.org](http://www.calseia.org)) is a 501(c) (6) not-for-profit trade association which has represented companies and individuals involved in the solar energy industry in California since its inception in 1977. CALSEIA's members consist of over 120 manufacturers, distributors, architects, engineers, consultants, utilities and contractors specializing in the design, sale and installation of all types of solar energy products and services in California.

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CADER and CAL SEIA are hosting this year's conference to ensure an excellent assemblage of today's leaders in Distributed Energy Resources (DER), which encompasses the DG, CHP and Solar communities. The resulting partnership has produced the first of kind Conference "**DER: All Power is LOCAL!**"

This Conference is the premier event for identifying and discussing existing and emerging distributed and solar energy resource markets and the value they provide to the nation's energy strategy. Customers, industry and government join together to discuss the implementation of environmentally compatible, affordable, reliable and efficient distributed energy resources into our communities.

It will feature keynote addresses by prominent utility, industry, energy customers and government leaders in distributed and solar energy as well as informative and provocative panels addressing the key policy, commercialization and technology issues and opportunities facing the widespread deployment of DER and solar energy at the federal, state, regional and local levels.

Utilities, consumers, regulators and society all have a stake in improvements in DER and Solar connectivity and market access. The wrap-up session brings stakeholders together to discuss action to advance further deployment and potential pitfalls in what promises to be a spirited debate. **Welcome!**

Jairam Gopal, Conference Co-Chair, Tod O'Connor, Program Chair  
Chair, CADER. O'Connor Consulting Services

Les Nelson, Conference Co-Chair,  
President, CAL SEIA

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***Affiliate Organizations assist with outreach and speaker contact work, helping to ensure success and quality of our conference. The following non-profit affiliate organizations have been invaluable:***

September 8, 2005 CONTINENTAL BREAKFAST in EXHIBIT AREA – 7:00am – 8:00am

OPENING REMARKS – 8:00am – 8:15am

8:15am to 9:00am

## DER: All Power is LOCAL!

**WELCOME: Bob Harris, V.P. Environmental Affairs PG&E  
Joe Desmond, Chairman, California Energy Commission**

**PLENARY - 9:00am to 10:30am**

### Proactive Regional Initiatives

**Moderator:** Shannon Eddy, CPUC

- William Keese, Co- Chair - WGA Clean and Diversified Energy Initiative
- Jan Smutney Jones, Executive Director, IEPA
- Robert Gough, Secretary, Energy Independence Intertribal Council
- Rick Gilliam Senior Policy Advisor, Western Resources Advocates

**BREAK - 10:30am to 10:45am**

**BREAKOUT – A – 10:45am to 12:15pm**

### Maximizing Regulatory Opportunities

**Moderator: Nick Lenssen, EPRI SOLUTIONS**

- Kevin Duggan, Capstone Turbines, Clean DG Coalition
- Bill Murphy, AZ DG Coalition
- Wayne Shirley, RAP

**BREAKOUT – B – 10:45am to 12:15pm**

### Thermally Activated Cooling

**Moderator: Keith Davidson, DE Solutions Inc.**

- Ian Spanswick, York International
- Gearoid Foley, Integrated CHP Systems Corp.
- Bill Martini, TECOGEN

September 8, 2005 LUNCH – 12:30pm to 2:00pm

### Luncheon Address

**Debbie Haight, Department of Energy, Office of Distributed Energy Resources**

**BREAKOUT – C – 2:00pm to 3:15pm**

### DER- Environmental Consequences

**Moderator: Richard Brent, Solar Turbines**

- Katrina Pielli, EPA CHP Partnership
- Keith Davidson, DE Solutions
- Joel Levin, California Climate Registry

**BREAKOUT – D - 2:00pm to 3:15pm**

### DER Emerging Technologies

**Moderator: Martha Krebs, Director**

**CA PIER Program**

- Herb Hayden, APS Technology Development,
- Susan Horgan, DUIT
- David Berokoff, Manager SEMPRAs Energy Utilities Technology Department
- Tyler Williams, GreenMountain Engineering

**BREAK - 3:15pm to 3:30 pm**

### Financing Clean DER Technologies

**PLENARY 3:30pm to 5:00pm**

**Moderator: David Simpson, Simpson Partners**

- William Garnet, National City Energy Capital
- Steve Provol, Competitive Energy Insight
- Nancy Pfund, JP Morgan

**EVENING RECEPTION in Exhibit Hall– 5:00pm to 6:30pm**

September 8, 2005

**GALA Dinner Meet & Greet Show– 7:00pm – 10:00 pm**

**Patricia M. Mahan, Mayor City of Santa Clara**

September 9, 2005 CONTINENTAL BREAKFAST IN EXHIBIT AREA – 7:00am to 8:00am

OPENING REMARKS- 8:00am to 8:30am

**John Geesman, Commissioner, California Energy Commission**

PLENARY – 8:30am to 10:15am

**Local Government Opportunities**

**Moderator: John Nimmons, John Nimmons and Associates**

- Susan Munves, City of Santa Monica
- Karl Knapp, City of Palo Alto Utilities
- Howard Choy, County of Los Angeles
- Barbara Hale, City of San Francisco

BREAK – 10:15am to 10:30am

**BREAKOUT – G –  
10:30am to 12:00pm**

**CHP Initiatives**

**Moderator: David Berokoff,  
SEMPRA Energy Utilities**

- Tim Lipman, Pacific CHP Regional Application Center
- Dan Rastler, EPRI
- Katrina Pielli, EPA CHP Partnership

**BREAKOUT – H –  
10:30am to 12:00pm**

**SOLAR: Who will put the Gold  
in the Golden State?**

**Moderator: Scott Anders, San  
Diego Regional Energy Office**

- Howard Wenger, Powerlight
- Peter Aschenbrenner, VP Sales and Marketing Sun Power
- Barry Cinanmon, Akeena Solar
- Tom Hoff, Clean Power Research

**BREAKOUT – I –  
10:30am to 12:00pm**

**Microgrids – Business  
Applications**

**Moderator: Stan Blazewicz,  
Navigant Consulting**

- Kevin Best, RealEnergy LLC
- Chris Marnay, Berkeley Labs
- Stephen Torres, Magnetek

September 9, 2005 LUNCH – 12:15pm to 1:45pm

**Dr. Allan C. Lloyd, Secretary, Cal EPA**

**BREAKOUT-J –  
2:00pm to 3:30pm**

**DG, CHP and Solar Case  
Studies (past & future)**

**Moderator: Tod O'Connor,  
O'Connor Consulting Services**

- Robert Redlinger, Director DG; Chevron Energy Solutions
- William Golove Berkeley Labs,
- Dick Good, Ameresco
- Steve Provol, Competitive Energy Insight

**BREAKOUT -K –  
2:00pm to 3:30pm**

**Utilities' Opportunities**

**Moderator: Ellen Petrill,  
EPRI**

- Tom Dossey, SCE
- Mike DeAngelis SMUD
- Susan Buller, PG&E
- Jim Cortlett, SDG&E
- Gary Gero, LADWP

**BREAKOUT -L – 2:00pm to 3:30pm**

**DER Fuel Diversity**

**Moderator: Jairam Gopal, CADER**

- Frank Mazanec, Waste Management
- Lou Zambrana, NABR, Inc. ethanol, and solid waste to energy
- Laura Ann Padilla, Sustainable Environmental Resource Group (SERGs)- Agriculture Waste To Energy

September 9, 2005 WRAP-UP PANEL – 3:30pm to 5:00pm

**CALL TO ACTION!**

**Moderator/Speaker: Les Nelson, President CAL-SEIA**

**Dian M. Grueneich, Commissioner CPUC**

**Jon Wellinghoff, Attorney, Beckley Singleton;**

**Dan Shugar, Powerlight**

**David Rubin, PG&E**

**Richard Brent, Former Chair,USCHPA**

**John Nimmons, Attorney, John Nimmons and Associates**

Representatives of the DER and Solar Industries, End Users, Utilities and  
Public Sector Debate the Day - Audience Participation Encouraged!

# CADER & CALSEIA host Distributed Energy Resources – *All Power is Local!*

## 6<sup>th</sup> Annual International Symposium on Distributed Energy Resources

Wednesday - Friday, September 7-9, 2005 Westin Hotel, Santa Clara, California  
Check-in : Wednesday, September 7: 6:00-7:00 p.m. & Thursday, September 8: 7:00 a.m. onwards

### REGISTRATION FORM *(Please photocopy as needed)*

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Tel: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_ E-mail: \_\_\_\_\_

Please indicate if you have special needs: \_\_\_\_\_

Please indicate if you require vegetarian meals: \_\_\_\_\_

### September 8-9 Conference Registration Fee – *Payment is required to reserve space.*

Please circle applicable rate and membership.

<b>Members of CADER and CALSEIA :</b>	<b>\$575</b>	<b>(\$475 prior to August 8, 2005)</b>
<b>Government*, End-users / Customers :</b>	<b>\$475</b>	<b>(\$375 prior to August 8, 2005)</b>
<b>Other :</b>	<b>\$675</b>	<b>(\$575 prior to August 8, 2005)</b>

### **September 7, 2005 Registration for Golf Tournament 12 noon – Dusk** **\$135.00 per person or \$540.00 for a foursome**

*My Foursome group consists of (including myself) includes green fees, cart, lunch, dinner and PRIZES:*

GUEST NAME: \_\_\_\_\_ GUEST NAME: \_\_\_\_\_

GUEST NAME: \_\_\_\_\_ GUEST NAME: \_\_\_\_\_

**Conference fee includes:** Admission to the presentations and exhibits at the hotel; a copy of the conference folder;  
Breakfast & Lunch on Thursday & Friday; Reception and Dinner on Thursday evening.

\* Employees of state or federal regulatory agencies or legislative bodies and employees of state and federal energy offices.

#### PAYMENT

Total Amount Enclosed, check payable to “CADER, Inc”. for: \$ \_\_\_\_\_

Please charge the following:  AMEX  Discover  MasterCard  Visa

Credit card number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Print name as it appears on card: \_\_\_\_\_

Signature: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Fax Registration :** (916) 863-5643

**Mail Registration :** Kappa Creations, P.O.Box 2585, Fair Oaks CA 95628-2585.

**Questions? Contact :** Rekha at (916) 863-5643 [kappacreations@gmail.com](mailto:kappacreations@gmail.com)

**Hotel:** Westin Hotel, Santa Clara at 1-888-627-8405  
Special CADER conference rate: \$149, single or double (cut-off date August 8, 2005) Must mention CADER Conference  
\*\*\*\*Ask for Govt rate\*\*\*\*

**Cancellation policy:** *Should you be unable to attend after your payment is received, a substitute participant may attend at no extra charge. A 75 percent refund will be given for written cancellations faxed or postmarked by August 25, 2005! Refunds cannot be made after this date*

Often referred to as "America's Finest City,"

*Dress : Casual Attire is OK for the Conference*

*Accommodations:*

Please refer to the CADER conference when making your reservation at the Westin Santa Clara Hotel. The cut-off date for getting the conference rates for sleeping rooms is August 23 at the special conference rate of \$149, single or double occupancy. (Government rates are available for limited number of rooms).

**Program Information**

**Conference Co-Chairs**

**Les Nelson  
CAL SEIA  
949-713-3500**

**[lnelson@westernrenewables.com](mailto:lnelson@westernrenewables.com)**

**Jairam Gopal  
CADER  
916-654-4880**

**[jgopal@energy.state.ca.us](mailto:jgopal@energy.state.ca.us)**

**Conference Program Chair**

**Tod O'Connor, O'Connor Consulting Services, Inc  
818-883-1038  
todoc1@aol.com**

**Updated conference Information Registration and Golf Sign-up  
[www.cader.org](http://www.cader.org)**