



An Energy Efficiency Workshop & Exposition
Palm Springs, California

Distributed Energy Resources in Southern California VA Hospitals

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Typical Southern CA Utility Rates

- \$0.088 to \$0.18 per kWh
- Peak Demand up to \$17.95 per kW
- Natural Gas Rates \$0.50 per therm



Typical Program Needs

- Constant Volume AHU's
- Older Chiller/Boiler Plants
- Low Lighting levels
- Ongoing System Maintenance Challenges

June 2 -5, 2002

www.energy2002.ee.doe.gov

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Barriers/Challenges to DER

- Air Quality (Emissions) Permitting
- Experienced Staff/ FTE Limitations
- Equipment Sizing/Increasing Loads
- CARES
- 'Spark Spread' vs Utility Rates

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Current VA DER Projects

- GLAHCS (Initial Proposal Review)
- San Diego (Final Proposal Review)
- Long Beach (Initial Proposal Dev)