



Local Government PV Opportunities

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Pacific Energy Center

Alison Pernel
Local Government Commission



•Santa Cruz City Hall Annex

- 14 kW roof-top PV system
- Financial Assistance from Palo Alto Municipal Utility & CEC Buy-Down
- Future installations: municipal corporation yard, wastewater treatment plant, recycling center





- Alameda County Jail
 - 642 kW PowerGuard PV tiles
 - Approved 500 kW expansion - total 1.14 MW, or 3 acres
 - Combined with energy efficiency upgrades
 - Financial Assistance
 - CEC Buy-Down
 - PG&E demand reduction
 - AB 970 Peak Load Program
 - CEC Low-Interest Loan
 - \$295,000 annual savings
 - 20% Peak consumption reduction





- **Santa Monica**

- World's first solar powered ferris wheel (50 kW)
- 2 Electric Vehicle Charging Stations (PV)
 - 2.1 kW at City Hall
 - 31.2 kW at Civic Auditorium
- Green Affordable Housing (Colorado Court)
 - BIPV - 20 kW PV system & 28 kW micro-turbine





- Vallejo

- Combining efficiency and self generation to provide all of its municipal electricity needs (10 MW)
 - Installing 1 MW “solar farm” (\$2,500,000 CEC rebate)
 - Lease Agreement with BP Solar
 - Contract with TMA Inc. for wind power
 - Energy Efficiency funding from ESCOs - repaid out of energy savings (no local tax payer dollars)
 - Exploring wind turbines and natural gas micro-turbines
 - 150-500 MW of wind capacity

- San Francisco

- \$100 million bond measure for PV & wind



- CEC Renewable Energy Consumer Education Grant
- Increase local government PV installations
- Providing Education
 - Fact Sheets
 - *Currents* newsletters
- Assistance
 - Financing
 - Procurement
 - Installation
- Tools
 - *Renewable Energy Assistance Packet*



- Workshops - early 2002
 - Coordinate state-wide public purchase of PV
 - Decision Makers
 - Staff/ Implementers
 - League of California Cities, California State Association of Counties, Special Districts Association
 - Energy Commission, Power Authority, Governor's Office of Planning & Research, Public Utilities Commission, Department of General Services, Treasurer's Office, Department of Finance, State Architect



For more information:

Alison Pernell

Local Government Commission

1414 K Street, Suite 600

Sacramento, CA 95814

916/448-1198

916/448-8246 fax

apernell@lgc.org

www.lgc.org