

Solar Schools: PV as a Learning Tool

Co-Sponsored by the Rahun Institute/Solar Schoolhouse and the Pacific Energy Center

April 1, 2003
 1 pm to 4:30 pm
 Pacific Energy Center
 851 Howard St.
 San Francisco



April 2, 2003
 1 pm to 4:30 pm
 IBEW Center
 2125 Canoas Garden Ave.
 San Jose

Register Online at

http://www.pge.com/003_save_energy/003c_edu_train/pec/programs/index.shtml

Description: This workshop will present information on how to use photovoltaics (PV or solar electric) as a learning tool in the classroom. Topics to be covered include: PV equipment options, financing & incentive options, Division of the State Architect (DSA) design and approval process, metering options to bring data into the classroom, display options to make PV a permanent learning tool, classroom curriculum, and special projects.

Instructors: Tor Allen and Hal Aronson, of The Rahun Institute - Solar Schoolhouse

AGENDA

Time	Topic	Who?
1:00	Introduction –Learning Opportunities utilizing Solar Energy in schools.	Tor Allen, The Rahun Institute/ Solar Schoolhouse
1:15 –2:45	<ul style="list-style-type: none"> • PV System options – examples of existing systems. Issues for Schools to consider. What to specify for your school. • The Div of State Architect design, approval and inspection process. • Metering Options. Integrating PV system data collection into classroom lessons. • Display Options. How to make the PV system a permanent learning tool on campus for those outside the classroom. 	Tor
2:45	Break	
3:00 – 4:30	<ul style="list-style-type: none"> • Classroom curriculum. The hands-on experience make the lasting impression. Low voltage modules integrated into standards-based lessons. Where does it fit? K-12 opportunities. • Special Projects. Solar cars, sun-powered fountains, EV/PV go-kart conversion, building solar cookers, home energy audits, ... Extensions for a greater experience. 	Hal Aronson

Solar Schoolhouse is a program of the Rahun Institute, and is partially funded by a grant from the California Energy Commission Renewable Energy Program.

www.solarschoolhouse.org