

# Solar Schools: PV as a Learning Tool

Co-Sponsored by the Rahun Institute/Solar Schoolhouse and San Diego Regional Energy Office



March 14, 2003  
8:30am to 11:30am  
San Diego Regional Energy Office  
8520 Tech Way, ste. 110  
San Diego



Directions

[http://www.sdenenergy.org/getting\\_to.html](http://www.sdenenergy.org/getting_to.html)

Register Online at <http://www.sdenenergy.org/events/index.html>

**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?
8:30	Introduction –Learning Opportunities utilizing Solar Energy in schools.	Tor Allen, The Rahun Institute/ Solar Schoolhouse
8:45 –10:15	<ul style="list-style-type: none"><li>• <b>PV System options</b> – examples of existing systems. Issues for Schools to consider. What to specify for your school.</li><li>• The <b>Div of State Architect</b> design, approval and inspection process.</li><li>• <b>Metering Options.</b> Integrating PV system data collection into classroom lessons.</li><li>• <b>Display Options.</b> How to make the PV system a permanent learning tool on campus for those outside the classroom.</li></ul>	Tor
10:15	Break	
10:30 – 11:30	<ul style="list-style-type: none"><li>• <b>Classroom curriculum.</b> The hands-on experience make the lasting impression. Low voltage modules integrated into standards-based lessons. Where does it fit? K-12 opportunities.</li><li>• <b>Special Projects.</b> Solar cars, sun-powered fountains, EV/PV go-kart conversion, building solar cookers, home energy audits, ... Extensions for a greater experience.</li></ul>	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](http://www.solarschoolhouse.org)