



SEBASTOPOL
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**PV Systems And The National Electrical Code
A Training Course for Building & Electrical Inspectors and Officials,
Installers and Designers – TWO TRAININGS in Santa Rosa, 2008**

July 9: Intro to PV and NEC

July 10: Intro to PV Design and NEC (for those very familiar with PV systems)

(These are both the same training but with a different 1.5 hour introduction. Sign up for either or both.)

Sponsored by Solar Sebastopol, City of Sebastopol, and North Coast Builders Exchange
IAEI CEU credits and NABCEP Continuing Education Hours

With more than 20,000 photovoltaic (PV) installations throughout California and a market that is growing at more than 30% each year, PV systems are becoming common in the North Bay, bringing many new installers, architects and engineers into the solar PV industry. At the same time, code requirements and installation procedures are continually being updated to ensure properly designed and installed PV systems. Each 7-8 hour, one-day session will cover the *NEC* requirements for designing and installing PV systems. A basic knowledge of the *NEC* is required for both days, since Code basics will not be addressed. **Those desiring an introduction to PV systems should sign up for July 9. Those who are familiar with PV systems should sign up for July 10 which will have an introduction to PV system Design. The NEC portion of the training will be the same on both days.** Conductor selection, ampacity calculations and overcurrent devices and disconnects will be covered. How to do it correctly and what not to do are items on the agenda. The focus will be on utility-interactive systems. Electricians, electrical inspectors and PV installers should attend. PV installers will receive 6 hours of NABCEP credits for the course.

About the Instructor: John Wiles

John Wiles is a Program Manager at the Southwest Technology Development Institute at New Mexico State University. He assists the PV industry, electrical contractors, electrical inspectors, and purchasing agencies in understanding the PV requirements of the *National Electrical Code (NEC)*. John serves as Secretary for an NFPA-appointed Task Group involved with Article 690 of the NEC. Over 40 submissions are being developed for the 2011 Code. He drafted the text for Article 690 in the *2005 NEC Handbook and 2008 NEC Handbook*. Fieldwork involves balance of systems design for PV systems, inspections and acceptance testing of PV systems, test and evaluation of PV components, and the design and installation of data acquisition systems. He lived in an off-grid, PV/wind-powered home (permitted and inspected, of course) for more than 16 years. His home currently has a 5 kW utility-interactive PV system with full house battery backup. He has an M.S. Degree in Electrical Engineering.

When: Session 1: Wednesday, July 9, 2008, 8:30 am – 4:30pm, Check-in at 8:00 a.m.

Session 2: Thursday, July 10, 2008, 8:30 am – 4:30, Check-in at 8:00 a.m.

Where: North Coast Builders Exchange Training Center, 1030 Apollo Way, Santa Rosa

Cost: \$90 per person, or \$165 for both days (Includes box lunch, CEU's and handouts)

Reservations: Your check **WITH** registration form is your reservation. **No reservation without payment and completed registration form.**

Questions: Email Marty Roberts at info@solarsebastopol.com www.solarsebastopol.com

ADVANCE REGISTRATION REQUIRED – DEADLINE July 1

Reserve your seat early. Space is limited and this class fills up – often in advance.



Solar Sebastopol

PV Systems And The National Electrical Code

July 9 (Intro to PV + NEC) and/or July 10 (Intro to PV Design + NEC)

8:30 am to 4:30 pm (check-in at 8:00)

A Training Course for Building & Electrical Inspectors and Officials, Installers and Designers
North Coast Builders Exchange Training Center, 1030 Apollo Way, Santa Rosa
\$90 fee includes lunch, course materials, and CEU certificate; \$165 for both days

REGISTRATION FORM

IMPORTANT! Please submit a separate form for EACH individual attending.
PRINT all information clearly

Name _____

Title or Position _____

Business or City Agency _____

Address _____

Phone: _____

Email – **REQUIRED** - Print clearly! _____

Attending JULY 9 @ \$90: _____ Attending JULY 10 @ \$90: _____ Both days @ \$165 _____

Amt. Enclosed: _____ (separate form for each person)

Check if vegetarian meal requested: _____

Continuing education credits.

PLEASE check to see if you qualify for these credits before requesting them.

I want IAEI CEU's _____

I want NABCEP credits _____

Last 4 digits of SS# (required to register credits) _____

It is your responsibility to pick up the certificate at the end of the training.

Make check payable to **“City of Sebastopol, Solar Training”**. Enclose check with this form and mail to:
(One check may be written for several people, but there **MUST be a separate form for each person.**)

NOTE: If check is for more than one person, enclose a list of names and a registration form for each.

Solar Sebastopol – c/o City Finance

City of Sebastopol, 7120 Bodega Ave., Sebastopol CA 95472

Questions: Marty Roberts, info@solarsebastopol.com www.solarsebastopol.com

Registration deadline July 1, 2008 ~ No refunds after deadline. No reservation without check.