

Photovoltaic (PV) Design & Installation Basics

July 20–24, 2009

8:30 am – 4:30 pm

The New York State Energy Research and Development Authority (NYSERDA) and the Interstate Renewable Energy Council (IREC) in cooperation with SUNY Delhi is pleased to announce a five day course designed for those who have an interest in PV and want to learn how to design and install a PV system. Typically, the background and experience of each participant can vary significantly. We endeavor to make this course meaningful to all who attend, from the homeowner looking to make an informed decision, to the tradesman who wants to install a PV system.

- Basics of electricity and PV
- Site survey
- System sizing
- Selection of proper PV equipment and balance of system components
- Proper construction techniques
- Voltage drop considerations and wire sizing
- N.E.C. requirements
- Safety issues while working with PV installations
- Battery safety

There will be hands-on experience installing a grid-tied and battery-based system.

ISPQ Accredited

SUNY Delhi is one of nine ISPQ (Institute for Sustainable Power Quality) accredited program providers in the United States.

All participants are required to bring a calculator, notebook and pen or pencil. Textbook will be provided. Meters and NEC code books will be provided, but if you have your own feel free to bring it.

Registration deadline: June 19, 2009

Register by **phone** (607) 746-4545 with Visa, MasterCard or Discover.

Register by **fax** (607) 746-4547 with Visa, MasterCard or Discover and the completed registration form.

Register by **mail**: SUNY Delhi, Business & Community Services, 146 Bush Hall, Delhi, NY 13753



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SUNY Delhi



We look forward to the opportunity to increase awareness of the sun's potential as a sustainable alternative energy.

Instructors

Mr. Robert Morris, Retired SUNY Delhi, Assistant Professor Emeritus Status

Professor Morris taught for 28 years in the Electrical Construction and Maintenance Program. He was instrumental in obtaining I.S.P accreditation for SUNY Delhi, and establishing a course in Photovoltaic Design & Installation, which he taught until his retirement. Professor Morris continues teaching workshops for SUNY Delhi as well as working in the electrical and photovoltaic trades.

Questions regarding level of instruction, preparation or topics covered may be directed to Bob Morris at morrisrv@delhi.edu

*Register early -
Class size is limited
to 20 participants!*

Mr. William Burke, Associate Professor, SUNY Delhi

William Burke is an Associate Professor at SUNY Delhi and has taught in the Electrical Construction program for the past 17 years. He has been a member of Local 325/ IBEW in Binghamton, N.Y. since 1977 and has a Masters degree in Vocational Education from SUNY Oswego.

PV Registration Form

One registration form per person, please. Photocopies acceptable.

PLEASE PRINT

Name: _____

Email Address: _____

Business/Organization: _____

Business Address: _____

City/State/Zip: _____

Business Telephone: _____

Cell Phone: _____

The cost is \$799.00. Lodging is available on campus for an additional fee (see insert). Lunch will be provided. Breakfast and dinner are the responsibility of the participant. Registrants will receive a listing of local lodging and dining venues.

Payment in full must be made by June 19, 2009. A cancellation fee of \$200 per person will be charged after June 19, 2009. No refunds available after June 26, 2009.

I have read, and understand, the cancellation/refund policy.

Signature _____

Make Checks/money orders payable to *SUNY Delhi*.

PO/Voucher #: _____

Visa/MC/Disc #: _____

Name on Card: _____

Amount Authorized _____

Expiration Date: _____

Signature: _____