



IEC Chesapeake Apprenticeship & Training presents:

## SOLAR (PV) DESIGN AND INSTALLATION Part 2 of a 2-Part Training set



At IEC Chesapeake – Odenton Training Center  
1424 Odenton Road, Odenton, MD 21113

This seminar is the second of a 2-part series designed to teach students about the code compliant installation of a common grid-tied photovoltaic (PV) power system. The scope of this class covers the responsibilities of the installing technician after being given the basic design and materials list from the sales person.

### Part 2 will cover:

- Determining the most appropriate location and layout for the array and inverter
- Specifying the proper racking structure and attachments points based on structural engineering principals
- Calculating the maximum current and voltage for the system, and specifying the correct wire sizes and overcurrent protection
- Understanding the applicable National Electric Code articles for PV systems
- Understanding the proper labeling required for PV systems

The instructor, Jeff Gilbert is President of Azimuth Solar Training LLC, a leading mid-Atlantic renewable energy training provider and program developer. He brings over 17 years of experience in the renewable energy industry and is a NABCEP certified Solar SHW Installer.

**Wednesday January 12, 2011**

**3:00pm – 5:00pm**

**Early Bird Price: \$75.00 per person**

**IEC Members will receive a 25% discount.**

**The cost will be \$90.00 per person for registrations received after 01/03/11.**

**~Limit: 30 Students~**

Company: _____	Phone: _____
Fax: _____	Email: _____
Address: _____	
City: _____	State: _____ Zip: _____
<b>Register the following for:</b>	
<b>Members ( <input type="checkbox"/> Bill Me <input type="checkbox"/> Payment Enclosed)</b>	
<b>Non-Members must register online at <a href="http://www.iec-chesapeake.com">www.iec-chesapeake.com</a></b>	
<b>Attendees: (Please type or print clearly)</b>	
1. _____	2. _____
<b>PAYMENT METHOD:</b> Check # _____ or Credit Card _____ Amount \$ _____	
Charge my: _____ Visa _____ MasterCard _____ AMEX _____	
Card # _____ Exp. _____ / _____	
Billing Address: _____	
Name on Card: _____	
<b><u>Cancellation deadline is 15 business days prior to seminar. All cancellations received after deadline and/or no-shows will be billed and/or are non-refundable</u></b>	
Members only may fax or mail registration to: I.E.C. Chesapeake Apprenticeship & Training, Inc. P.O. Box 147, Odenton, MD 21113 Ph: 301.621.9545 – Fax: 301.912.1665 Website: <a href="http://www.iec-chesapeake.com">www.iec-chesapeake.com</a>	
<b>I.E.C. Chesapeake A&amp;T has the right to cancel class if less than 10 students register.</b>	