



SRI ENERGY

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SRI Energy has teamed-up with Synergized Solar to bring exceptional Solar PV training to Novi, Michigan.

Synergized Solar is committed to best business practices for design, installation and distribution of Solar PV products. As a part of this commitment we are working with SRI Energy to bring most up-to-date solar renewable energy technologies to help those who are interested in changing careers or interested in starting a solar business.

Our solar training professionals have combined experience of 35+ years in electrical business and more than 6 years in solar project and training experience. Our instructors are passionate about training and are very eager to help you in making better career decisions.

201 Solar PV Fundamentals - October 2nd or 3rd - Register today!

This course is an introduction to the fundamentals of solar electric power generation.

Topics covered will be helpful to anyone considering:

Looking for a job in solar industry

A career change

Starting a solar business

Purchasing or implementing a Solar PV system for Home or Business

Location: Novi, Michigan - site TBD

Prerequisite: None

Duration: Full day

Course Fee: \$595.00

For availability and registration contact: SRI Energy at (248) 767-5714

PV201 – Oct, 2, 2009 (8:00 AM – 4:00 PM)

PV202 – Oct. 3, 2009 (8:00 AM – 4:00 PM)

Enrollment & Waiting List

Classes are filled on a first-come basis. Class size is limited, to reserve a space, pay your entire fees. If a class is full we will place you on the waiting list, if space becomes available we will call you to confirm the registration. You have 24 hours to confirm registration before we move on to the next person in the list.

Cancellation & Transfer Policy

If you cancel before 7 days of the class start date entire fees is refundable. If you cancel after 7 days, 50% of your total fees is refundable. If we cancel a class due to low enrollment, instructor non-availability or unforeseen conditions you may enroll in another class or receive a full refund of fees. SRI Energy is not responsible for losses incurred on housing, travel or other arrangements. If you choose to transfer your space to someone in your company or family, a \$100.00 administration fee is charged.

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201 Solar PV Fundamentals (full day)

By the end of this course attendees will:

- Know the fundamentals of electricity
- Understand the Process of Harnessing Solar Energy.
- Be able to identify the components and architecture of a Solar PV system.
- Have a working model for Solar Electric Projects: from Planning to Power Generation.

Course outline:

1. Introduction

- Review the Outline for the Day
- Profile of the Instructor, Company, Attendees
- Brief Glimpse at the Industry
- Benefits of PV
- History of innovation
- Terminology, Watts
- Need for Qualified Installers

2. Basics of Electricity

- AC vs. DC
- Natural vs. Mechanical
- History of Innovation
- OHM's Law
- Parallel and Series

3. Harnessing Solar Energy

- Sun Tracking
- Solar Collecting Cells
- Holes
- Efficiencies
- The Grid
- Net Metering
- Solar Architecture

4. Components of a PV System

- Mounting Types
- Modules
- Inverters
- Charge Controllers
- Wiring
- Batteries
- Meter

5. Solar Electric Project Considerations/Planning

- Site Plan
- Utility Integration
- Codes
- Contracting: Insurance Certificate
- Installation, inspection, commissioning
- Maintenance Plan

6. Resources

- For Consumer
- For Contractors
- Additional Training Course Information

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