

Introduction to Solar Systems



Glenergy Inc. is pleased to offer the **Introduction to Solar Systems** course at our Petawawa location. If you are looking for guidance on building a solar installation then this one and a half day seminar is for you. It will guide you through all of the basics of solar system requirements, applications, design, safety and maintenance.

The sessions start with discussing which situations are best-suited to solar system applications. Typical solar systems are ideal for lighting, pumps, appliances and for charging batteries. Other applications include heating water, cooking and electric device charging, including electric vehicles.

Once your application needs have been clarified, the next session will progress to determining your system size based on those load requirements. The various components of that system are explained and clearly defined. Different solar panel types, batteries, charge controllers and inverters are all discussed to allow you to be aware of all of your options. Ancillary equipment, such as generator starters, are also explained for those situations when standby-by power may be required.

Safety and system protection is carefully explained in order to keep both you and your solar system protected from both lightening and system faults.

Finally, solar system installation options are explained. The location of your components, especially the solar panels, and how they are mounted is critical to the effective use and long life of your system. On the second day there will be a workshop session with wiring and installation tips.

Individual requirements will easily be blended into the session in order to ensure that the needs of all participants is met.

Glenergy is proud to be able to offer this seminar and feels confident that you will gain a better understanding of the benefits and challenges surrounding the use of solar for your application(s).

Upcoming Dates: November 16th - 17th 2017 & April 12th - 13th 2018

Please visit our website to register today: <https://glenergy.ca/pages/training>



Course Schedule

Introduction to Solar Systems Course Schedule

Day 1

0900 Welcome and Introductions of Glenenergy Teams & Attendees
0945 Introduction to Solar Systems
1000 Solar System Sizing
1030 *** BREAK ***
1100 Solar Systems Components
1230 *** LUNCH ***
1330 Solar System Design
1500 *** BREAK ***
1530 Solar System Installations
1700 End of Session
1800 *** DINNER ***

Day 2

0900 System Wiring Workshop
1030 *** BREAK ***
1100 Round Table on Solar Applications
1230 *** LUNCH ***
1400 End of Session

Cost: \$425/person

*** This cost includes lunch both days and dinner. Price is exclusive of accommodations and travel ***