

Life Is On

**Schneider**  
Electric

# Training offer for central inverters

Empower your maintenance teams with the skills to safely operate and troubleshoot Schneider Electric inverters.



[solar.schneider-electric.com](https://solar.schneider-electric.com)

# Enhance the reliability of your electrical installation and ensure the safety of your team

Schneider Electric, the leader in energy management, is focused on making energy safe, reliable, and efficient, through an active commitment to help you keep your energy on.

As part of our commitment we have developed a wide range of training programs for operation and maintenance of central inverters that will increase your team's knowledge, enhance the safety of your staff and improve your installations' reliability.

Our experienced experts will provide your field technicians with the hands-on training your company needs when facing the day-to-day operation and maintenance of your Schneider Electric central inverters.



## Worldwide based

3 solar training centers in Canada, France and Thailand



## Professional Instructors

Our trainers are recognized as experts in the solar industry



## Practical applications

Our centers are designed and equipped to provide students with real-world hands-on experience

## Our training centers



# SmartGen Premium Training

## Course overview

- Schneider Electric power plant inverter evolution, overview and operation
- Review of electrical and safety procedures (Lock-Out Tag-Out)
- Live-demonstration on inverter components
- Use of the Conext SmartGen local and remote interface (Conext Viewer)
- Evaluation of the inverter operation disturbances using events and event IDs
- Preventive maintenance according to Schneider Electric procedures
- Hands-on exercises on parts replacement

## At the course completion, the student will

- Have a basic understanding of the operation and maintenance of the Schneider Electric inverters.
- Perform preventative maintenance procedures
- Be able to recognize normal and abnormal operation of the inverter
- Adequately use SmartGen local and remote interface (Conext Viewer)
- Provide technician level troubleshooting of basic defects and parts replacement
- Learn Schneider Electric warranty process and maximize his efficiency to obtain services from our technical support

## Who should attend:

Qualified engineers and technicians involved in the operation and maintenance of Schneider Electric central inverters on-site.

## Mandatory prerequisites:

The participants of the course must:

- Hold a valid electrical safety certificate
- Have the appropriate and sufficient level of knowledge in technical english
- Bring certain personal protective equipment PPE

## Certificate of Completion

### Premium Service Training

Schneider Electric Solar recognizes

Name \_\_\_\_\_ Operating for \_\_\_\_\_  
Project Name / Location \_\_\_\_\_

has successfully completed the  
Conext SmartGen Service Training



Solar Services  
Operation Process & Efficiency Director

Date of completion

Certificate number

Validity

Expiry date

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## Our training program includes

Class presentation documents / Technical manuals / Sample electrical drawings / Mid day lunch

## Training agenda

### DAY 1

Introduction, power glossary and solar overview

Balance of system

SmartGen introduction and overview

Safety and LOTO

### DAY 2

Inverter operation

Communication and connectivity

Using Conext Viewer

### DAY 3

Mechanical overview

Troubleshooting

Preventive maintenance

Corrective maintenance

Reporting and escalation

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