



T3 Grid Tie Course

Course Overview

This course offers comprehensive, technical knowledge for grid tied systems. It provides both classroom taught lectures and hands-on training at our 15kWp PV unit. This includes design, installation and safety regulations. Operation, maintenance and metering with data logging. After positive completion, trainees can apply for a T3 license from the Energy Regulatory Commission (ERC) to become a certified SPV technicians.

Course Objectives

The participants will be able to:

- Design and size a grid connected PV system that conforms to national and international standards
- Select the appropriate components and equipment for PV systems
- Simulate and optimize different system sizes and configurations to meet the clients needs

Focus Areas and Course Content

PV systems and Solar as an energy resource. Modules types, array configurations and mounting structures. Performance monitoring and metering of grid tied systems. Work safety, lightning and surge protection. Grid connected inverter selection and sizing. Site surveys, commissioning, operation and maintenance of grid connected PV systems.



Strathmore University

Energy Research Centre



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Key Benefits

NITA accredited course. On-site practicals and e-learning support services. Alumni discounts. Renowned faculty with professional experience in the energy sector.

Delivery

5 days of classroom sessions and 15-days of E-learning support. Hands-on practical exercises and a detailed site visit of Strathmore's 600 kWp system, the first PV plant in Kenya with a power purchase agreement (PPA).

Who Should Attend?

Energy system operators, electrical engineers, installers, project developers, vocational instructors, Solar PV vendors, O&M technicians.

Course Training Cost

Kes 60,000

Payment Details

Acc Name: Strathmore University

Bank: Citi Bank

Account No: 0101386108

Branch: Nairobi via Banker's cheque addressed to : Strathmore University

Acc Name: Strathmore University

Bank: Standard Chartered Bank

Account No: 0102044844000 (KES)

Branch: Nairobi

Bank Swift Code: SCBLKENX

For more information on the program contact us on

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