



T3 HYBRID COURSE

Course Overview

This course is fashioned to provide participants with a comprehensive technical knowledge on hybrid PV systems. This includes design, installation, and commissioning. After positive completion, the trainees can apply for a T3 license from the energy regulatory commission (ERC) to become a certified SPVT technicians.

Course Objectives

- Electricity access with micro and hybrid power systems
- Classification of Solar PV hybrid systems
- Design and sizing of fuel saver programs and diesel generator backups
- Dynamic system behavior and economic evaluation of hybrid plants

Focus Areas and Course Content

- Introduction to hybrid power systems
- System components and structures of hybrid power systems
- System sizing, load profile, peak load and energy share
- Dynamic system behavior, setup variations, energy storage and demand side management
- Economic evaluation, levelized cost of electricity



Strathmore University

Energy Research Centre



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Key Benefits

NITA accredited course with on-site practicals and e-learning support service. Course rate discounts for alumnis. Renowned faculty with professional experience in the energy sector. Registration as a licenced T3 technician by the ERC after course completion.

Delivery

Five day intensive training at Strathmore Energy Research Centre. Classroom taught lectures and hands-on training on our proprietary 15kWp hybrid diesel and fuel saver system. Design, and installation including safety regulations, metering and monitoring. The use of E-Learning support makes it possible for learners to go through the course materials and refresh their knowledge on the content.

Who should attend?

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

Course Training Cost

Kes 70,000

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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