Knowledge Partner

ISA STAR-C Bhutan invites you to
8-day in-person training
on

Solar Photovoltaic Mini Grid

Learn the fundamentals of Mini Grid installation, commissioning, operation, and maintenance

PROGRAMME HIGHLIGHTS

- Solar Mini Grid System Overview
- Design & Engineering
- Installation & Commissioning
- Operations & Maintenance
- Regulatory & Policy Framework
- Grid Integration
- Safety
- Hands-on Training
- Field Visit
- Software Tools
- Data Analysis
- Quality Assurance & AMC

LIMITED SEATS | REGISTER AT NO-COST

SOLAR MINI GRID

2 BATCHES

Starting from 17th April 2025

Time: 09:00 – 17:00 hrs

TARGET GROUPS

- Certified Electricians
- Practicing Electricians
- Practitioners and Technicians
- Early Engineering Students
- Graduates from TVET/Polytechnic

CERTIFICATION

A certificate will be awarded to participants on successful completion of the course

ADDRESS

College of Science and Technology
Royal University of Bhutan
Phuentsholing, Bhutan

APPLICATION

Contact:
Mr. Cheku Dorji
Asst. Prof. Electrical Engineering Dept., CST
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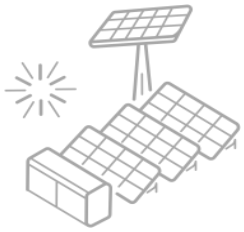
Schedule of In-Person Training on Solar Mini Grid (Bhutan)



Day 1- 4

	Day 1	Day 2	Day 3	Day 4
09:30 – 11:00	Inaugural Ceremony	Preparation of PFR & DPR, Site Assessment & Selection – Session I	Design of a Mini Grid – Session III	Outbound Hands - on Experience at Pilot PV Plant Session – I
11:00 – 11:15	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***
11:15 – 12:45	Introduction, Program briefing & Initial Assessment of Participants	Preparation of PFR & DPR, Site Assessment & Selection – Session II	Design of a Mini Grid – Session IV	Outbound Hands - on Experience at Pilot PV Plant Session – II
12:45 to 13:45	***Lunch Break***	***Lunch Break***	***Lunch Break***	***Lunch Break***
13:45 – 15:15	Overview of Solar Energy	Design of a Mini Grid – Session I	PV Module Installation	Outbound Hands - on Experience at Pilot PV Plant Session – III
15:15 - 15:30	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***
15:30 – 17:00	Introduction to Solar Mini Grid System	Design of a Mini Grid – Session II	Mounting of Structure, Module and Inverters; Battery Storage Systems	Outbound Hands - on Experience at Pilot PV Plant Session – IV

Day 5 - 8

	Day 5	Day 6	Day 7	Day 8
09:30 – 11:00	Metering of Solar Mini Grid	AC and DC cabling, Earthing, LA and Protections of a Mini Grid Solar Plant	Solar Mini Grids: Material Handling	Annual Maintenance Contract (AMC) for Solar Mini Grids
11:00 – 11:15	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***
11:15 – 12:45	Solar Mini Grids: Commissioning & Testing	Solar Mini Grid: Policy & Regulations	Quality Aspects in Solar Mini Grids	Case Studies & Doubt Clearing
12:45 to 13:45	***Lunch Break***	***Lunch Break***	***Lunch Break***	***Lunch Break***
13:45 – 15:15	Software - PV Syst: Hands on Experience – Session I	Operation & Maintenance of Solar Mini Grids	Safety Aspects in Solar Mini Grids – Session I	Post Training Assessment
15:15 - 15:30	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***	***Tea/Coffee Break***
15:30 – 17:00	Software – PV Syst: Energy Calculation – Session II	Solar Mini Grids: Grid Integration	Safety Aspects in Solar Mini Grids – Session II	Valedictory Program