

**TRAINING PROGRAMME ON
TECHNICAL, POLICY INSTRUMENTS &
FRAMEWORKS FOR SHIFTING TO
RENEWABLE ENERGY**



National Productivity Council

No. 6, Aavin Dairy Road, Ambattur Industrial Estate (North),
Ambattur, Chennai, India - 600 050

SCOPE AND COVERAGE:

The course content for the training has been carefully designed considering latest developments in renewable energy field such that, at the end of the course considerable useful knowledge transfer is perceived. The two-week course will address the following aspects:

Day-wise Program Schedule							
Day	09:45-11:00	11:00 – 11:15	11:15 – 13:00	13:00 – 14:00	14:00 – 15:30	15:30 - 15:45	15:45-17:00
1	Registration & Welcome session	Tea Break	Introduction to course	Lunch Break	Energy Scenario, Energy demand	Tea Break	Introduction to sources of Renewable energy-Solar
2	Introduction to sources of Renewable Energy-Wind		Introduction to sources of Renewable Energy-Bio & others		Technical aspects of Solar PV		Technical aspects of Solar PV
3	Assessment of Renewable Energy potential-Solar		Assessment of Renewable Energy potential-Wind		Technical aspects of Solar Thermal System		Technical aspects of Solar Thermal System
4	Project costing, feasibility and detailed report preparation		Project costing, feasibility and detailed report preparation		Project costing, feasibility and detailed report preparation		Project costing, feasibility and detailed report preparation
5	Grid Operation-Challenges to manage variability in Grid		Grid Operation-Challenges to manage variability in Grid		Training needs Gap assessment and Capacity building programmes for all the stakeholders		Barriers to RE: Labour, technology transfer, R&D
6	Holiday		Holiday		Holiday		Holiday
7							
8	Storage Technologies		Case Study		Future prospects of RE		Case Study
9	Financing for RE Technologies		Funding Mechanisms		Financial Analysis		Financial Analysis

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10	Risk evaluation and mitigation		Need & assessment of incentives-case study		Need & assessment of incentives-case exercise		Measurement & Verification protocols – case study
11	Multi-lateral agreements to meet NDC targets		Policy framework for RE		Overview of various Government schemes in Renewable Energy		RESCO mechanism, and case study
12	Carbon Trading		Success stories of RE schemes implemented		Scaling RE plants, start-up and down-time		Feedback & Closing ceremony

METHODOLOGY:

To achieve the objectives of training, the program will be conducted using:

- Online lectures for imparting formal, theoretical and technical knowledge.
- Case studies/Group discussions.
- The training methodology so adopted creates step by step environment for all round development of skills and knowledge of the participants.
- Video vignettes and experiential learning exercises aiming at stimulating and creating interest among participants for enhanced learning experience.