



PROJECT NOTIFICATION

Reference No.: 637

Date of Issue	17 June 2025
Project Code	25-CP-21-GE-TRC-A
Title	Training Course on Enhancing Utility Energy Performance
Timing	22 September 2025–26 September 2025
Hosting Country(ies)	India
Venue City(ies)	Chennai
Modality	Face-to-face
Implementing Organization(s)	National Productivity Council, India
Participating Country(ies)	All Member Countries
Overseas Participants	19
Local Participants	6
Closing Date	8 August 2025
Remarks	Not Applicable

Objectives	Understand the basic principles of energy conservation and management in industry; gain practical hands-on insights on energy performance assessment of utilities; and showcase carbon emission reduction policy implications on energy finance and technology upgradation in utilities.
Rationale	Thermal and electrical utilities are used in the majority of industry sectors, including manufacturing, services, and agriculture, irrespective of size. Hence, improved energy performance of utilities directly enhances organizational and sectoral productivity.
Background	The World Energy Outlook (WEO) 2024 by the IEA highlights the benefits of adopting energy conservation and management practices in thermal and electrical utilities, such as improved efficiency, cost savings, and reduced environmental impact. This aligns with the APO's Green Productivity concept to strengthen the triple bottom lines of productivity, quality, and profitability with the least environmental impact and UN Sustainable Energy for All initiative, in particular UN SDG 7. The WEO 2024 stresses addressing challenges such as upfront capital, technical expertise, and behavioral change. This training course at the Centre for Excellence in Training for Energy Efficiency hosted by the NPC, India, which is equipped with demonstration utilities, provides an ideal platform for strengthening participants' technical expertise in conducting energy utility performance assessment. The solutions emerging can then be aligned with national plans on improving energy productivity in industry.
Topics	Fundamentals of energy performance assessment of thermal and electrical utilities; Hands-on exercises on demonstration utilities; Virtual reality-based simulation models of decarbonizing industrial utilities; Digital toolkits on energy efficiency calculations and financing; Energy savings measures and cost-benefit analysis, measurement, and verification; Site visits; and Group work.
Outcome	Adoption of energy-efficient operating practices and technologies enhancing enterprise-level energy performance, informed decision-making based on energy assessment of utilities, and cost-benefit analysis of prospective solutions.
Qualifications	Representatives of industry associations, SME owners, NPO staff, technocrats in government agencies, consultants, and trainers working on energy conservation/management, industry energy audits, sustainable development, reducing sectoral carbon emissions, and clean industrialization.

Please refer to the implementation procedures circulated with this document for further details.



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