



Heat Rate improvement Course Overview

Date	Venues	(\$)Fees	Book your seat
21 Jan -25 Jan 2024	Cairo	2900	Register Now

This seminar provides detailed description of all the methods used to improve the heat rate (increase the efficiency) of power plants. All the processes, operational and maintenance activities, capital projects, technical options, potential initiatives and incentives to implement upgrades/repairs for increasing the plant efficiency will be covered in detail. This seminar will also provide in-depth explanation of all the equipment and systems used in power plants.

Course Objective

Calculating the Heat Rate of Coal Power Plants

Benefits of Lowering the Heat Rate of Coal Power Plants

Methods Used to Improve Coal Power Plants Heat Rate

Processes, Operational and Maintenance Activities

Technical Options for Improving the Heat Rate

Potential Initiatives and Incentives to Implement Upgrades

Who Should Attend?

- Engineers of all disciplines
- Managers
- Technicians
- Maintenance personnel
- Other technical individuals

Course Outline

Steam Power Plants, Steam Generators, Steam Turbines, Steam Turbine Auxiliaries

Fired Power Plants Systems and Equipment

Calculating Heat Rate

Heat Rate Improvement

Efficiency of Power Plants and Power Plant Systems

Processes, Operational and Maintenance Activities

Training Methodology

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation



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