AGENDA

IEA-India Workshop: Technologies for Coal-Fired Power Generation

Location: New Delhi, India
Date: 29 November 2011
Focus: Coal-fired power generation

Background
The IEA is developing a High Efficiency, Low Emissions (HELE) Coal Technology Roadmap, which will describe the development of coal technologies for power generation to 2050. To meet the IEA’s BLUE map scenario, global emissions of CO₂ must be halved in this timeframe and the power sector essentially decarbonised. Can this be achieved? If so, how?

Regionally and, possibly, within regions, the picture regarding current and future coal use is likely to be quite different. To gain a better understanding of local conditions and the more important characteristics that may influence the future of coal-fired power generation, the IEA is undertaking a programme of meetings and workshops in key regions.

Objectives
- To understand the role of fossil fuels in the Indian energy sector (present/future)
- To understand plans for coal production/consumption in India (and also for gas)
- To understand the dynamics of competing fuels/technologies for power generation in India
- To understand goals for coal-fired power generation (R&D, technology, efficiency, emissions, cost)
- To identify enabling policies, finance, technologies, other measures in place or planned
- To identify barriers to meeting the objectives and plans to address them.

Supporting information
- Current status of power generation and contribution from coal (and future plans)
- Current coal fleets; size of units, age, technology. Also those under construction and planned
- Current energy policies that influence coal usage
- Cost trends and efficiency improvements for new power plants being built
- Current regulatory regimes and emissions legislation in operation (and future plans).

Key stakeholders
- Experts and officials representing policy-makers, regulators, major utilities, equipment manufacturers, R&D establishments and academia.