

Coal-Fired Power Generation Facility

This is a large-scale coal-fired power generation facility. It features advanced supercritical boiler technology for enhanced efficiency and reduced emissions.



Overview

High-Efficiency Power Generation

This large-scale coal-fired power generation facility utilizes advanced supercritical boiler technology to achieve superior thermal efficiency and reduced emissions. Designed for high-capacity output, the plant integrates robust steam turbines, generators, and cooling systems to ensure consistent grid reliability. The facility is engineered with comprehensive flue gas treatment systems to meet stringent environmental standards for NOx and SOx removal.

Technical Specifications

Core Components

- Steam Turbines
- Generators
- Cooling Systems
- Flue Gas Treatment Systems

Boiler Technology

Supercritical

Environmental Compliance

Environmental Standards

Strict Environmental Compliance

Emissions Control Technologies

NOx Removal, SOx Removal

Operational Metrics

Operational Focus

- High Operational Reliability
- Energy Conservation