

1000MW Ultra-Supercritical Power Generation Unit

This 1000MW ultra-supercritical unit achieves world-class energy consumption. It has received the National Excellent Project Gold Award for its advanced technology and efficiency.



Overview

High-Efficiency Generation

The 1000MW ultra-supercritical power generation unit represents the pinnacle of modern thermal power engineering. Designed for high efficiency and reliability, this facility utilizes state-of-the-art technology to maximize output while maintaining environmental compliance. It is an ideal solution for large-scale energy infrastructure projects requiring robust performance and sustainable operation.

Technical Specifications

Rated Capacity

1000 MW

Output Capacity

Technology Type

Ultra-Supercritical

Key Features

Core Components

- Advanced high-pressure boilers
- High-efficiency steam turbines
- Optimized power generators
- Integrated environmental control systems

Compliance & Standards

Sustainability

Low Emissions, Sustainable Operation, High Thermal Efficiency