

# 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