1000 MW Power Plant Project

This power plant project involves the construction of two 1000MW generating units. It includes advanced boiler technology, turbine-generator systems, and emissions control.

Project Overview

High-Efficiency Power Generation

This 1000 MW-class power plant project features two ultra-supercritical thermal power generating units, each with a capacity of 1036 MW. The facility represents a milestone in engineering, being the world's first to integrate seawater flue-gas desulfurization (FGD) technology with ultra-supercritical generation. Designed for energy efficiency and environmental compliance, the plant was commissioned for full-scale operation in April 2010.

Technical Specifications

Total Installed Capacity

2072 MW
Total Capacity

Technology Type

Ultra-supercritical • Thermal Power

Unit Configuration	2 x 1036 MW

Environmental & Compliance

Environmental Systems

- Seawater Flue-Gas Desulfurization (FGD)
- Simultaneous Desulfurization and Denitrification
- Energy-saving design

Project Timeline

Key Dates

Milestone	Date
168-Hour Test Run (Units 1 & 2)	June 2009 / Sept 2009
Full Operational Status	April 2010