

# Power Generation Unit Expansion Project

This project focuses on expanding a power generation unit. The expansion includes industrial buildings and a chimney stack, suggesting a large-scale power plant facility.



## Project Overview

### Power Generation Unit Expansion

This large-scale power engineering initiative involves the installation of a 2 x 300MW power generation unit, including the main unit installation and associated external outbuildings. The project demonstrates comprehensive industrial capability, covering everything from initial structural steel hoisting to full equipment integration. The facility successfully completed its rigorous 168-hour trial operation phase, confirming its readiness for full-scale production and operational deployment.

## Technical Specifications

### Unit Capacity

**300 MW**

Capacity per Unit

**2 Units**

Number of Units

## Project Timeline

### Key Project Milestones

Milestone	Date
Project Department Established	Early 2006
Boiler Steel Hoisting	March 15, 2007
168-Hour Trial Operation Completion	November 7, 2008

## Project Scope

### Scope of Work

- 15# Unit Main Installation
- External Outbuildings Construction
- Equipment Installation Works

## Project Status

### Operational Status

Operational • Trial Completed • Production Transferred