

Thermal Power Generation Plant

The thermal power generation plant is a facility designed for electricity generation using thermal processes. It includes cooling towers for heat dissipation and a chimney stack for releasing combustion gases.



Overview

Thermal Power Generation Plant

This thermal power generation facility is engineered for efficient electricity production through advanced thermal processes. The plant integrates critical infrastructure including high-capacity boilers, turbines, and generators to ensure reliable energy output. Designed for seamless integration, it connects directly to the electrical grid for effective power transmission and distribution.

Infrastructure & Components

Core Infrastructure

- Boilers
- Turbines
- Generators
- Cooling Towers
- Chimney Stack

Grid Connectivity

Yes

Operational Features

Process Type

Thermal Generation

Primary Functions

Electricity Generation, Heat Dissipation, Combustion Gas Management, Power Transmission