

# Coal-Fired Power Plant for Electricity Generation

This coal-fired power plant generates electricity by burning coal. The plant includes a chimney for releasing combustion gases, storage tanks, and industrial buildings housing the turbines, generators, and control systems.



## Overview

### Coal-Fired Power Generation Solutions

This coal-fired power plant solution is engineered for reliable electricity generation, utilizing Circulating Fluidized Bed (CFB) boiler technology. Designed for versatility, these plants support a wide range of capacities from 7.5MW up to 150MW, making them suitable for both independent power generation and industrial captive power applications. The design emphasizes robust construction and operational efficiency, proven through numerous international project installations.

## Technical Specifications

Boiler Technology	CFB (Circulating Fluidized Bed)
Capacity Range	7.5MW, 10MW, 25MW, 35MW, 100MW, 150MW

## Project History

### Reference Projects

Location/Project	Capacity	Status	COD
Java Pos Power Plant	1x25MW	Newly built	2005.05
East Kalimantan Power Plant	2x25MW	Newly built	2007.11
IKPP Perawang Paper Mill	1x150MW+1x670T/H	Newly built	2008.02
Suzhou Gold Huasheng	1x100MW	Newly built	2008.03
IKPP Perawang TG 18&19	2x35MW	Newly built	2008.12
Batam Co-Gen Turkey	1x7.5MW+2x65T/H	Newly built	2009.02
PTBA Tanjung Enim	3x10MW	Newly built	Under construction
IKPP Perawang Extension	2x150MW+2x670T/H	Extension	Under construction