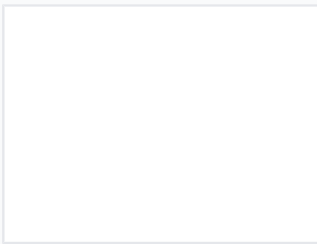


# Waste Incineration Power Generation System

Waste incineration power generation uses specialized equipment to combust industrial and urban solid waste, generating energy. This waste treatment process aligns with economic cycle principles and effectively addresses urban solid waste issues, aiding in the conservation of land resources and offering enhanced environmental benefits.



## ADDITIONAL IMAGES



## System Overview

### Sustainable Waste-to-Energy Solution

This Waste Incineration Power Generation System utilizes advanced circulating fluidized bed combustion technology to transform municipal solid waste into clean energy. By converting waste into power, the system effectively addresses urban waste proliferation while conserving land resources. It is specifically engineered to handle low calorific value and high-moisture waste, achieving a volume reduction rate of over 90% for optimal environmental impact.

## Technical Specifications

Combustion Technology	Circulating Fluidized Bed (CFB) Combustion
Volume Reduction Rate	90 %
Suitable Waste Types	Municipal Solid Waste, Low Calorific Value Waste, High Water Content Waste, Industrial Solid Waste

## Operational Features

### Key Operational Benefits

- Stable bed temperature control
- High degree of combustion reduction
- Effective resource re-use
- Environmentally clean combustion process

Heat Management	Uses ash sand as a heat carrier with high heat storage capacity
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