

High-Voltage Electrical Substation

This high-voltage electrical substation is designed for efficient power distribution. Its components include transformers, circuit breakers, and surge arresters for safe and reliable operation within large-scale power grids.



Overview

High-Voltage Electrical Substation

This high-voltage electrical substation is designed for efficient power distribution across large geographical areas. It features a complex network of transformers, circuit breakers, and transmission lines, ensuring reliable and safe energy transmission. Constructed from durable, corrosion-resistant galvanized steel, it is engineered for long-term integration into large-scale power grids.

Technical Specifications

Key Components

- Transformers
- Circuit breakers
- Transmission lines
- Busbars
- Insulators
- Surge arresters

Voltage Rating	132/33kV
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Construction

Structural Material	Galvanized steel
Durability Features	Corrosion resistance, Long-term durability

Project Experience

Project Scope

29 units

Substations Built

819 km

Transmission Line

Project Timeline	2000 - 2003
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