

220kV Substation EPC Project

This EPC project constructs a 220kV substation for efficient power distribution. The substation includes voltage conversion equipment, high-voltage power lines, and a control building.



Project Overview

Comprehensive Substation EPC Solution

This 220kV smelting plant substation project provides a complete Engineering, Procurement, and Construction (EPC) solution tailored for high-demand industrial power infrastructure. The installation features high-capacity power transformers designed for efficient voltage conversion and reliable electricity distribution. Engineered for stability and safety, the system incorporates robust steel structures and specialized insulation to ensure consistent power transmission for demanding smelting operations.

Technical Specifications

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|---------------------|---|
| Voltage Class | 220kV |
| Primary Application | Smelting Plant, Industrial Power, High-Voltage Distribution |

Project Scope

EPC Components

- Power Transformers
- High-Voltage Transmission Lines
- Steel Support Structures
- Insulation Systems
- Control Building & Monitoring Equipment