

# 220kV Electrical Power Substation

This 220kV substation is a vital installation for electrical power transmission and distribution networks. It is equipped with high-voltage transformers and switchgear to step down voltage for local distribution.



## Overview

### High-Voltage Transmission Capability

This 220kV electrical power substation is a critical infrastructure component engineered for efficient power transmission and distribution. It integrates high-voltage transformers, advanced switchgear, and protective equipment to reliably step down voltage levels for local distribution networks. Designed for safety and longevity, the system includes robust support structures and integrated surge protection to ensure consistent power delivery.

## Technical Specifications

### Included Components

- High-voltage transformers
- Switchgear assemblies
- Surge arresters
- Support structures
- Control building

### Safety & Protection

Surge Protection • High-Voltage Isolation • Integrated Control

<b>Rated Voltage</b>	220 kV
<b>Primary Application</b>	Power Transmission, Power Distribution, Voltage Regulation