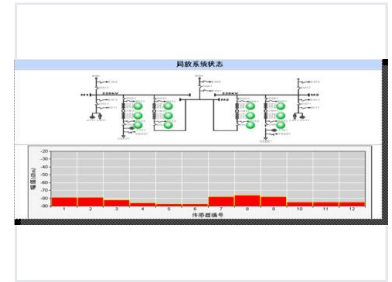


Power Transmission Line Monitoring System

This system provides real-time condition monitoring of power transmission lines. It offers measurement, control, and intelligent components for high-pressure equipment, enabling in-place intelligence.



Overview

Intelligent Monitoring Solution

The Power Transmission Line Monitoring System is designed to provide comprehensive interval condition monitoring for high-pressure equipment. By integrating measurement, control, and intelligent components directly at the installation site, it enables real-time status detection and diagnostics. This system supports the IEC61850 standard and facilitates seamless data integration into intelligent substation platforms for advanced analysis.

Technical Standards

| | |
|------------------------|--|
| Communication Protocol | IEC61850 MMS |
| Core Capabilities | Real-time Monitoring, Fault Diagnosis, Condition Monitoring, Intelligent Integration |

Performance Metrics

Partial Discharge Monitoring

220 KV

Rated Voltage

| | |
|------------------------|--------------------|
| Signal Amplitude Range | -20 dBm to -90 dBm |
|------------------------|--------------------|

System Features

Interface Features

- Graphical user interface
- Sensor data visualization
- System health monitoring
- Automated diagnostics