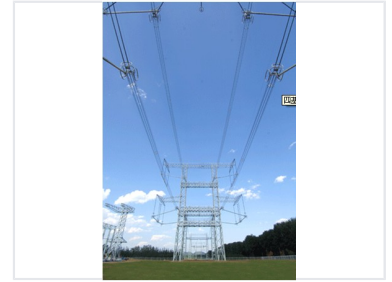


# Ultra-High Voltage DC Power Transmission Test Site

This is a specialized site for testing ultra-high voltage direct current (UHVDC) power transmission systems. It enables the development and validation of advanced technologies for efficient long-distance electricity transfer.



## Facility Overview

### UHV DC Transmission Testing Infrastructure

This ultra-high voltage direct current test base provides a comprehensive platform for the demonstration, research, design, and testing of advanced power transmission components. It features an extensive array of specialized testing zones including outdoor sites, corona cage halls, and environmental chambers. Engineered to reach international advanced levels, the facility supports rigorous commissioning and research for high-voltage infrastructure.

#### Standard Compliance

International Advanced Level, UHV DC Standard, Power Engineering Compliant

## Technical Capabilities

### Research and Innovation Metrics

**15 Projects**

Global Innovations

**55 Count**

Patent Applications

## Testing Infrastructure

### Available Testing Zones

- Outdoor test site
- DC test line
- Corona cage test hall
- Insulators and surge arresters laboratory
- Filthy and environmental test chamber
- Converter valve test chamber