

High Altitude Power Grid Testing Facility

This high-altitude testing facility is designed for evaluating power grid components and systems. It facilitates research and development of power transmission technologies in extreme environmental conditions.



ADDITIONAL IMAGES



Overview

World-Leading High-Altitude Research Base

This specialized research facility is situated at an elevation of 4300 meters, serving as the world's highest power pilot research base. It provides a comprehensive test platform designed specifically for power transmission infrastructure. The facility enables critical research into high-altitude performance, equipment insulation, and the corona characteristics of the electromagnetic environment.

Technical Specifications

Operating Altitude

4300 m

Altitude

Technical Capabilities

Primary Testing Focus

- High-altitude power transmission research
- Equipment insulation performance
- Corona characteristics analysis
- Electromagnetic environment assessment
- Infrastructure reliability testing

Facility Infrastructure

Transmission Towers, Substations, High-Voltage Equipment