

Wuling Power Actively Prepares for the Peak Winter Season to Ensure Warmth for the People

Starting from mid-December, 2023, after entering a cold winter period, electricity demand in Hunan province grew rapidly. At 17:55 on December 18th, the maximum load reached 37.96 million kilowatts. Wuling Power of State Power Investment Corporation actively implemented the work policy of "ensuring safety, people's livelihood, and development", and tried its best to guarantee the safe and stable supply of electricity during the peak season.

Hydropower: Full Storage of Water for Full Energy Output

In 2023, facing the driest year in history, Wuling Power planned in advance to strengthen the optimization and operation of hydropower stations and the economic operation of reservoirs in the basin, controlled the high water level operation of each reservoir, and controlled the flow of each reservoir to meet the minimum discharge flow requirements before winter. In early December, each reservoir reached its normal high water level. Thirteen conventional hydropower plants, including the Wuqiang River reservoir, Sanban River reservoir, Baishi reservoir, and Tuokou reservoir, had an adjustable water volume of 3.1 billion cubic meters, which was 168% of the same period last year. They could provide real-time clean electricity of 4.75 million kilowatts, accounting for about 13% of the maximum load in Hunan province in this winter. They were fully equipped to prepare for the peak winter season.



New energy: Improve Quality and Efficiency, and Coordinate Planning

Wuling Power has established the regional energy guarantee teams for Central and Southern Hunan province, leveraging the advantages of regional coordination, and concentrating the efforts to address the difficult and key issues in energy supply during the peak winter season. Wuling Power organizes mutual inspections and training among various stations within the region, and timely improve the measures for ensuring winter energy supply during peak hours based on the actual situation of the stations. The Changsha New Energy Production and Operation Center collaborated with the central and southern regions of Hunan province to carry out joint power line ice melting emergency drills, enhancing centralized control and regional emergency response capabilities. The company also organizes and carries out safety hazard investigation work, promptly handles equipment hazards, ensures stable operation of equipment, and improves equipment reliability.