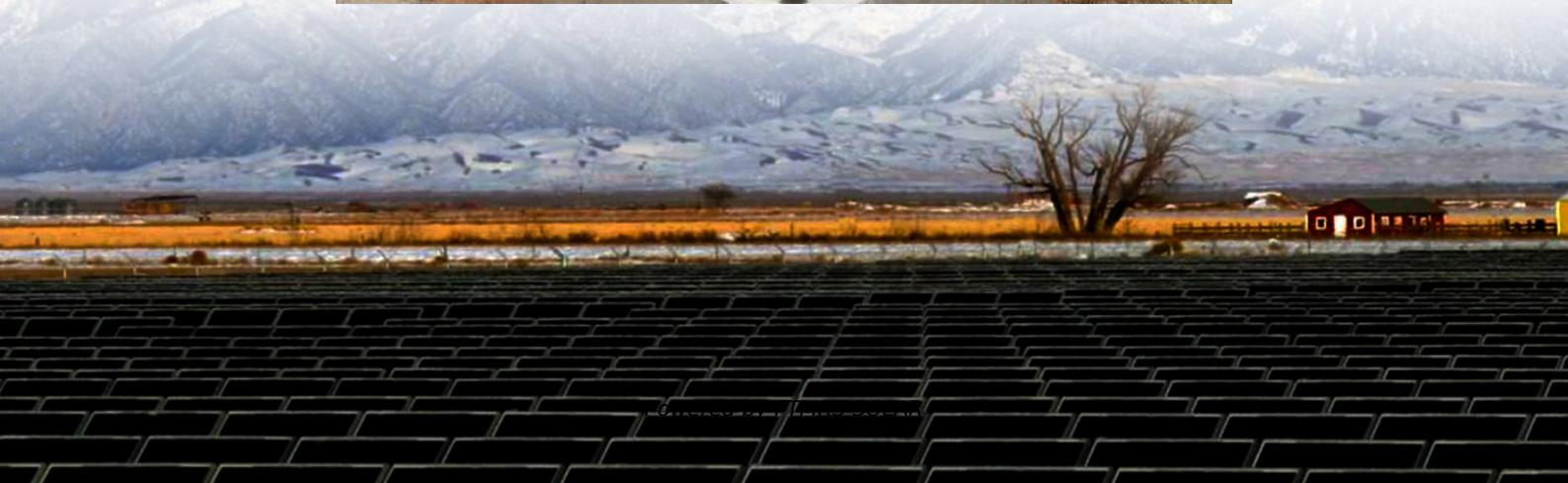


Energy storage peak load regulation power station equipment





Overview

What is the peak regulating effect of energy storage after parameter optimization?

According to the generator output curve and energy storage output curve, the peak regulating effect of energy storage after parameter optimization is better than that without parameter optimization.

Why should energy storage devices be connected to the power grid?

The connection of energy storage devices to the power grid can not only effectively utilize the power equipment, reduce the power supply cost, but also promote the application of new energy, improve the stability of the system operation, reduce the peak-valley difference of the power grid, and play an important role in the power system.

Why is energy storage important in power system?

Energy storage is an important flexible adjustment resource in the power system. Because of its bidirectional flow of energy, it is very suitable to be used in power system as a peak regulation method.

How is the load supplied by the superior power grid?

The load is supplied by the superior power grid separately from 01:00 to 05:00. During the period from 06:00 to 08:00, the load is transferred by the power flow. Period of 09:00 and during the period 18:00–19:00, the load is jointly supplied by the renewable energy, energy storage or/and power flow transfer.



Energy storage peak load regulation power station equipment

Energy storage station peak load regulation requirements

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