

Number of peak load regulation times of energy storage in Mexico power grid





Overview

What is a peak load regulation model?

A corresponding peak load regulation model is proposed. On the generation side, studies on peak load regulation mainly focus on new construction, for example, pumped-hydro energy storage stations, gas-fired power units, and energy storage facilities .

What is the optimal scheduling model for power system peak load regulation?

Conclusion This paper presented an optimal scheduling model for power system peak load regulation considering the short-time startup and shutdown operations of a thermal power unit. As the main resource on the generation side, the intrinsic capacity of the thermal units in the system peak load regulation was studied in this paper.

Should energy storage be regulated in Mexico?

5.2.1. Mexico Energy storage appears scarcely in Mexican legislation and the few regulations that mention it leave the door open to potentially consider EST as either generation assets or transmission and distribution assets . If EST were regulated as generation assets, they could operate under a regime of free competition.

Should energy storage be a priority in Mexico?

If energy storage deployment is considered a priority in the following years, Mexico could accelerate investments through a mix of storage procurement targets and financial incentives. A strong storage market can also be built over time by offering rebates, loans, investment grants, tax credits or other financial incentives.



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