

Energy storage cabinet field outbreak

Is excessive energy storage a problem?

Spyros Foteinis highlights the acknowledged problem that an insufficient capacity to store energy can result in generated renewable energy being wasted (Nature 632, 29; 2024). But the risks for power-system security of the converse problem -- excessive energy storage -- have been mostly overlooked.

Why is energy storage oversupply a problem?

The expansion is driven mainly by local governments and lacks coordination with new energy stations and the power grid. In some regions, a considerable storage oversupply could lead to conflicts in power-dispatch strategies across timescales and jurisdictions, increasing the risk of system instability and large-scale blackouts.

What happened at LS Power's gateway energy storage facility?

The incident does however come not long after a fire in May at LS Power's Gateway energy storage facility in nearby Otay Mesa, which burned for nearly two weeks.

What happened at two lithium-ion battery storage projects in New York?

Image: National Grid. Fire incidents have been reported within weeks of each other at two separate lithium-ion battery storage projects in the US state of New York. No one appears to have been injured in either incident, but both look set to be offline for a period of time while investigations are conducted.

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