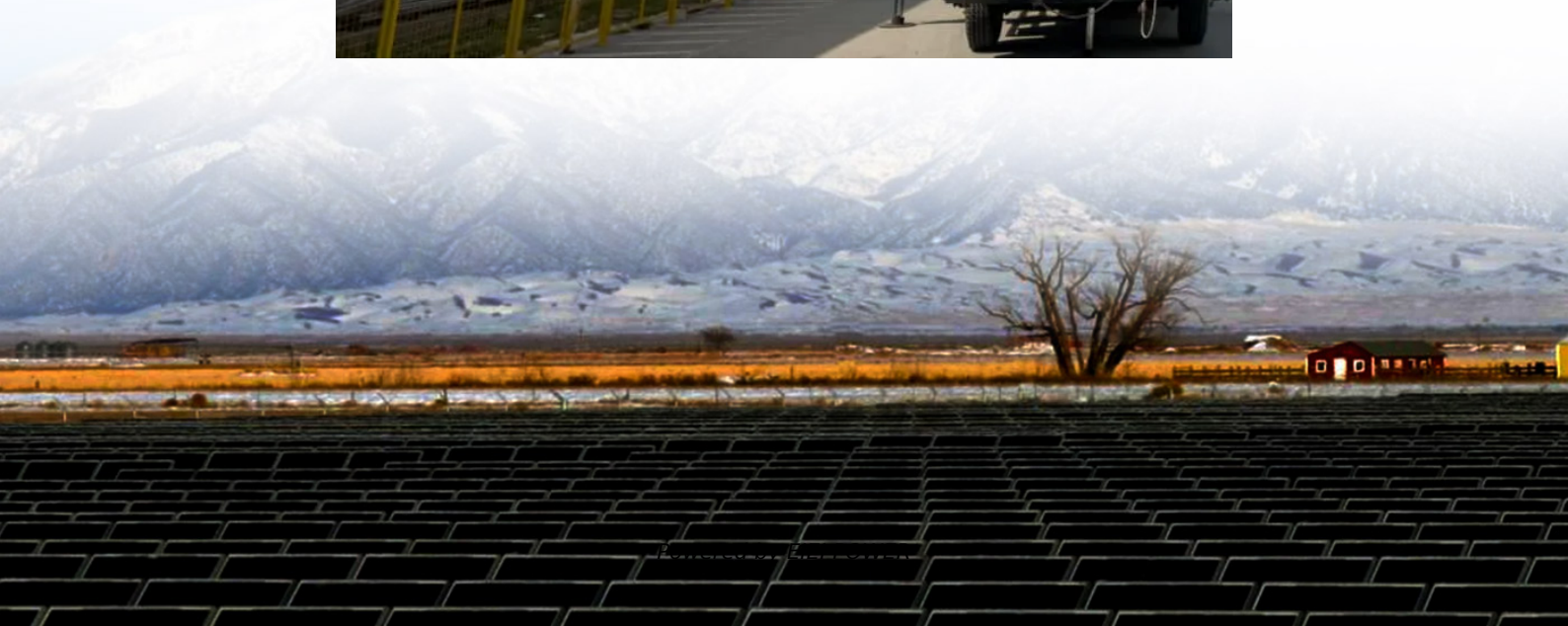


# **Solar requires 10 energy storage**





## Overview

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The CEA recommends that all new solar tenders include ESSs, with at least 10% of the installed capacity and a minimum storage duration of two hours. How can solar energy be stored?

Solar energy can be stored when it's produced and made available when you need it, allowing you to use more renewable energy and be less reliant on other power sources. Superior Solar is a Tesla Energy Certified Installer and our team are accredited in the latest battery storage technology, from Tesla Powerwall to LG Chem batteries.

Why are solar power projects integrating energy storage systems?

Photographer: Prashanth Vishwanathan/Bloomberg New Delhi: Upcoming solar power projects in the country are set to have energy storage systems integrated at the sites to ensure uninterrupted supply of renewable power and maintain grid stability.

Will co-located energy storage systems be included in solar tenders?

The Central Electricity Authority (CEA) has asked state power utilities and renewable energy implementation agencies to incorporate two-hour co-located energy storage systems, equivalent to 10% of the installed solar project capacity, in future solar tenders.

How much energy storage will India have by 2030?

The MoP anticipates that, due to this new storage clause, about 14GW/28GWh of energy storage systems will be installed in India by 2030. As the price of energy storage batteries declines, it is expected to help reduce evening power purchase costs, when solar power is unavailable and energy prices in the power trading market are higher.



## Solar requires 10 energy storage

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### [Virtual Power Plants Are Having Their Moment](#)

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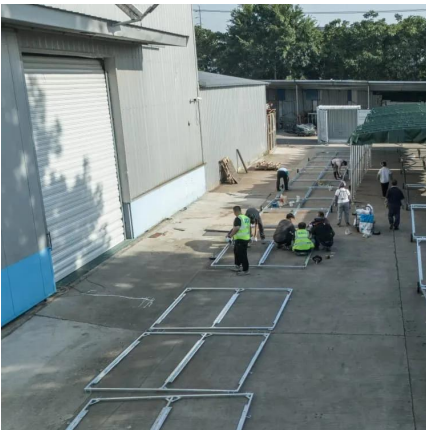
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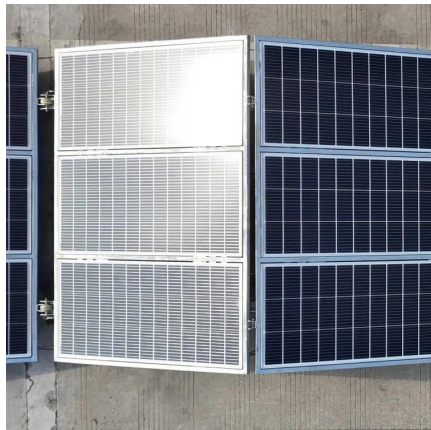
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Feb 26, 2025 · A 10% storage ratio will be a good starting point. In the future, depending on price trends, the mandatory storage ratio may rise to 30-40%.' Clearly, India's mandatory solar PV ...



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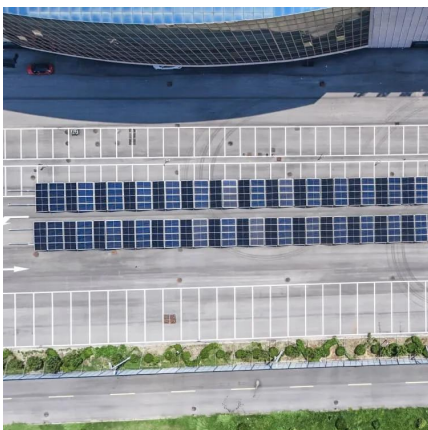
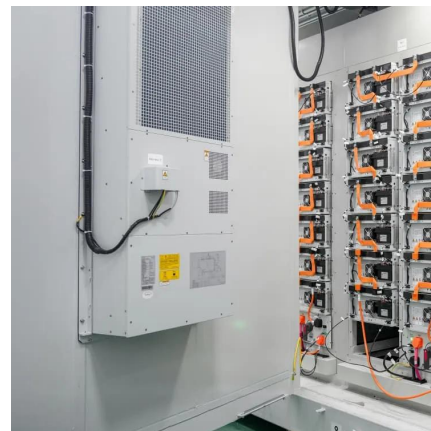


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