

How will a new PLI scheme bolster investor confidence in solar?

This increased financial support is expected to attract private investment and bolster investor confidence in the sector. The Production-Linked Incentive (PLI) scheme for solar module manufacturing has been extended for another five years, with an enhanced outlay of INR 24,000 crore.

How do venture capitalists invest in solar energy startups?

Venture capitalists in Chennai and across India are keenly interested in solar energy businesses that show potential for high returns. Equity funding typically involves selling a portion of the company's shares to investors in exchange for capital. This method allows startups to access significant funding without the burden of immediate repayments.

What are the favourable policy changes for the ESS sector?

Some of these favourable policy changes for the ESS sector are as follows (2): ESS Legal Status: The Electricity (Amendment) Bill introduced in 2022 provided that ESS developers can lease or sell storage capacities to utility companies and can also themselves buy and store electricity for future sale.

Explore the best green loan and financing options in India for 2025, covering public/private bank schemes, MSME-focused green finance, government-backed support, and sustainability-linked loans.

**Key Findings** Standalone Energy Storage Systems (ESS) are rapidly emerging as a key market, with 6.1 gigawatts of tenders issued in the first quarter of 2025 alone, accounting for 64% of the ...

**Recent policy initiatives** The MoP, in February 2025, issued tariff-based competitive bidding guidelines to procure stored energy from existing, under-construction, or new PSPs. The procurement process includes projects ...

The solar energy industry in India is poised for tremendous growth, but accessing the right funding is essential for startups aiming to scale. Whether through equity financing, government subsidies, or debt financing, ...

India has seen an increase in tenders seeking hybrid solar-wind and energy storage systems (ESS) capacity in 2024. Chart: IEEFA. India has issued a record 73GW of ...

Rooftop solar power plants of capacities 3kW and 5kW are more common and cost approximately INR1,20,000 and INR3,00,000, respectively. Read more about the costs and subsidies by the Government of India on solar ...

3 ???&#0183; Energy Storage Systems (ESS) Overview India has set a target to achieve 50% cumulative

installed capacity from non-fossil fuel-based energy resources by 2030 and has pledged to reduce the emission intensity of its ...

NTPC Renewable Energy (NTPC REL) has invited bids to set up 1,200 MW interstate transmission system (ISTS)-connected solar power projects integrated with a 600 ...

India's Ministry of Power has mandated all renewable energy implementing agencies and state utilities must incorporate a minimum of two-hour co-located energy storage ...

NTPC Renewable Energy (NTPC REL) has invited bids to set up 1,200 MW interstate transmission system (ISTS)-connected solar power projects integrated with a 600 MW/2,400 MWh (600 MW x 4 hours) energy ...

Underscoring the growing relevance of energy storage systems (ESS), the Central Electricity Authority (CEA) has advised power utilities to consider making ESS a ...

The Ministry of Power has issued an advisory on integrating energy storage systems (ESS) with solar power projects to enhance grid stability and optimise energy ...

Solar Energy Corporation of India (SECI) has issued a request for selection to develop 2,000 MW of interstate transmission system (ISTS)-connected solar projects along ...

But while the progress in solar energy adoption is commendable, one thing is clear: the ease and equity of financing will ultimately determine how far and how fast we can go.

BluPine Energy Signs PPA with SECI for 150 MW Solar Project Integrated with ESS in Rajasthan The agreement was formally signed as part of SECI's initiative to procure ...

Date of release: April 2025 Report by JMK Research and IEEFA India's ambitious clean energy transition demands a parallel development in energy storage market, with Standalone Energy ...

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