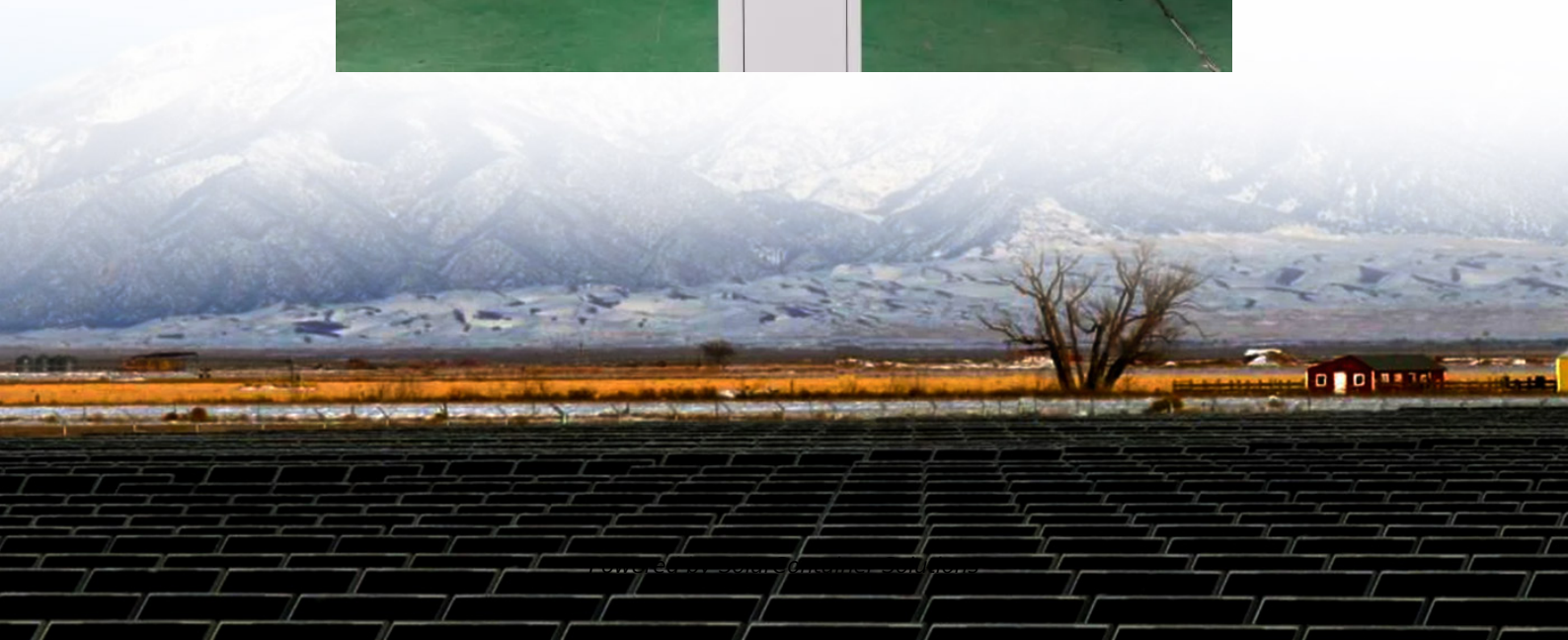


# **Photovoltaic panels increase power generation**





## Photovoltaic panels increase power generation

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### How to increase the power generation of photovoltaic power ...

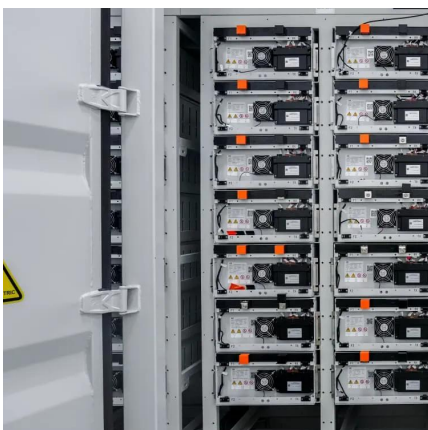
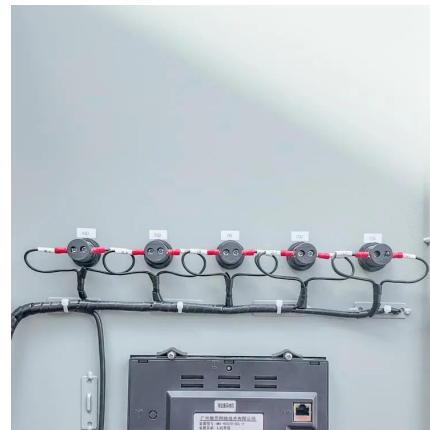
Integrating energy storage systems with photovoltaic systems can further increase power generation and system benefits. Improving the power generation of photovoltaic power ...

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Double-sided modules increase the area of absorbed sunlight. Other ways to maximize efficiency are to purchase double-sided double-glass solar panels ...

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In 2024, net solar power generation in the United States reached its highest point yet at 218.5



terawatt hours of solar thermal and photovoltaic ...

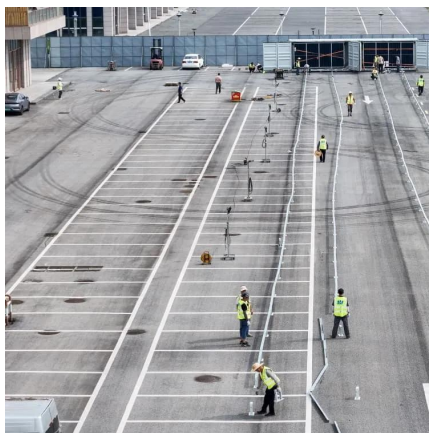
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By understanding and optimizing each component of a PV power station, you can achieve higher power generation efficiency, meeting the ...

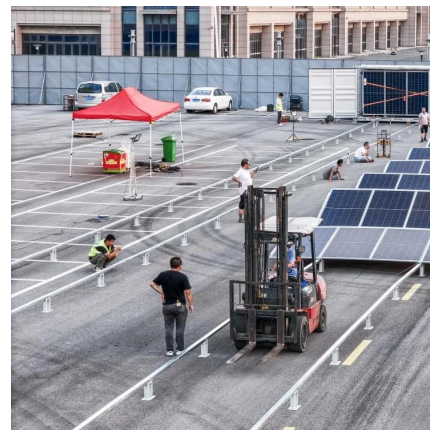
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By understanding and optimizing each component of a PV power station, you can achieve higher power generation efficiency, meeting the growing demand for clean electricity.

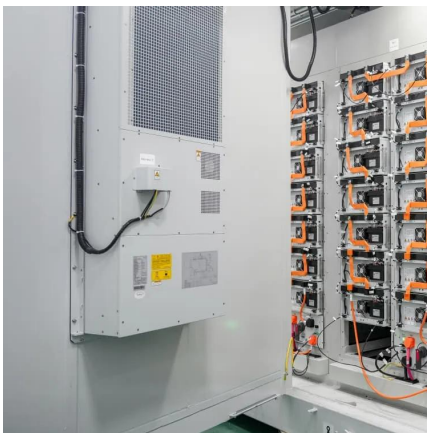
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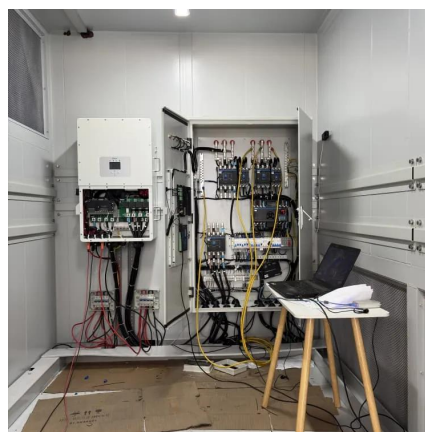




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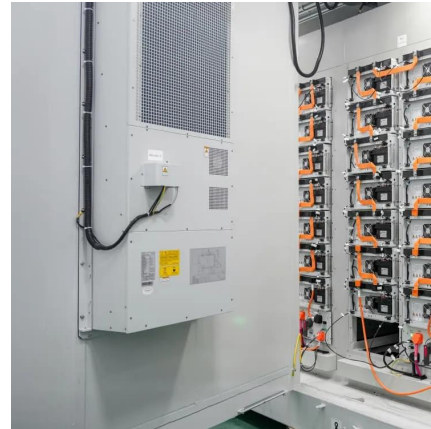
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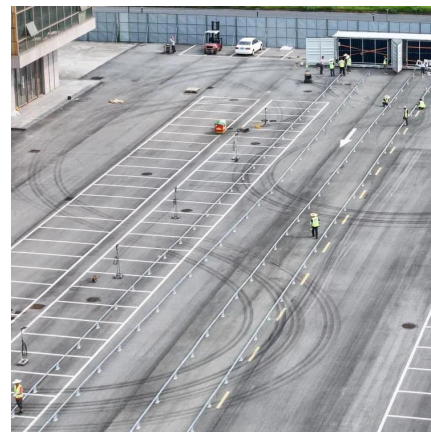
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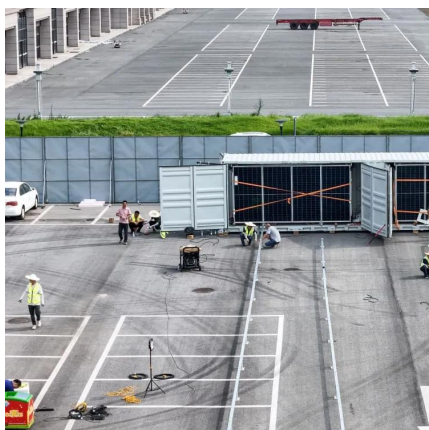
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We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator ...

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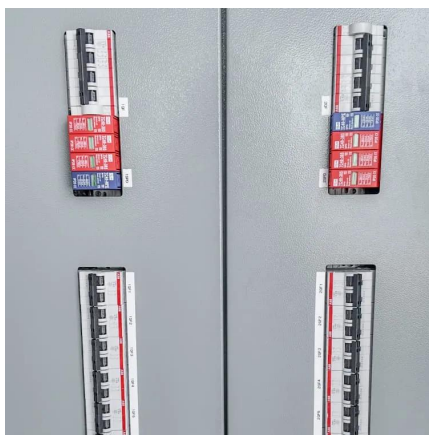




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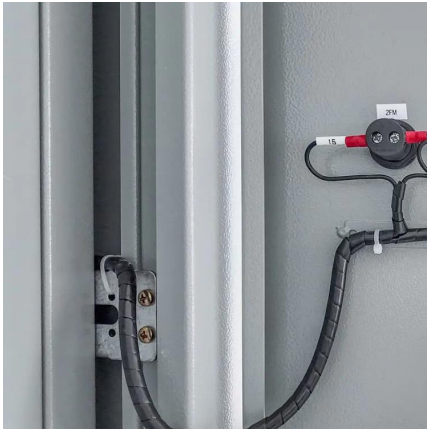


### **How does solar energy increase the amount of electricity ...**

Solar energy significantly enhances electricity output through several mechanisms, including 1. efficient energy conversion, 2. reduced operational costs, 3. improved grid ...

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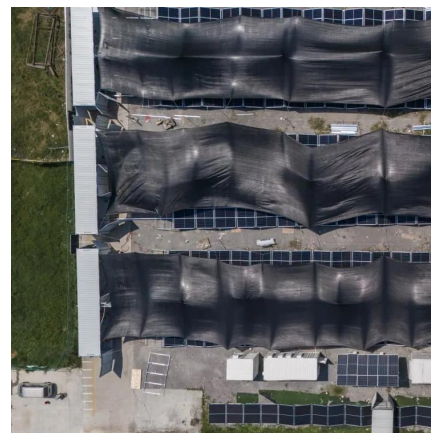




## Solar power in India

Solar PV or wind paired with four-hour battery storage systems is already cost competitive, without subsidy and power purchase agreement by selling peak ...

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