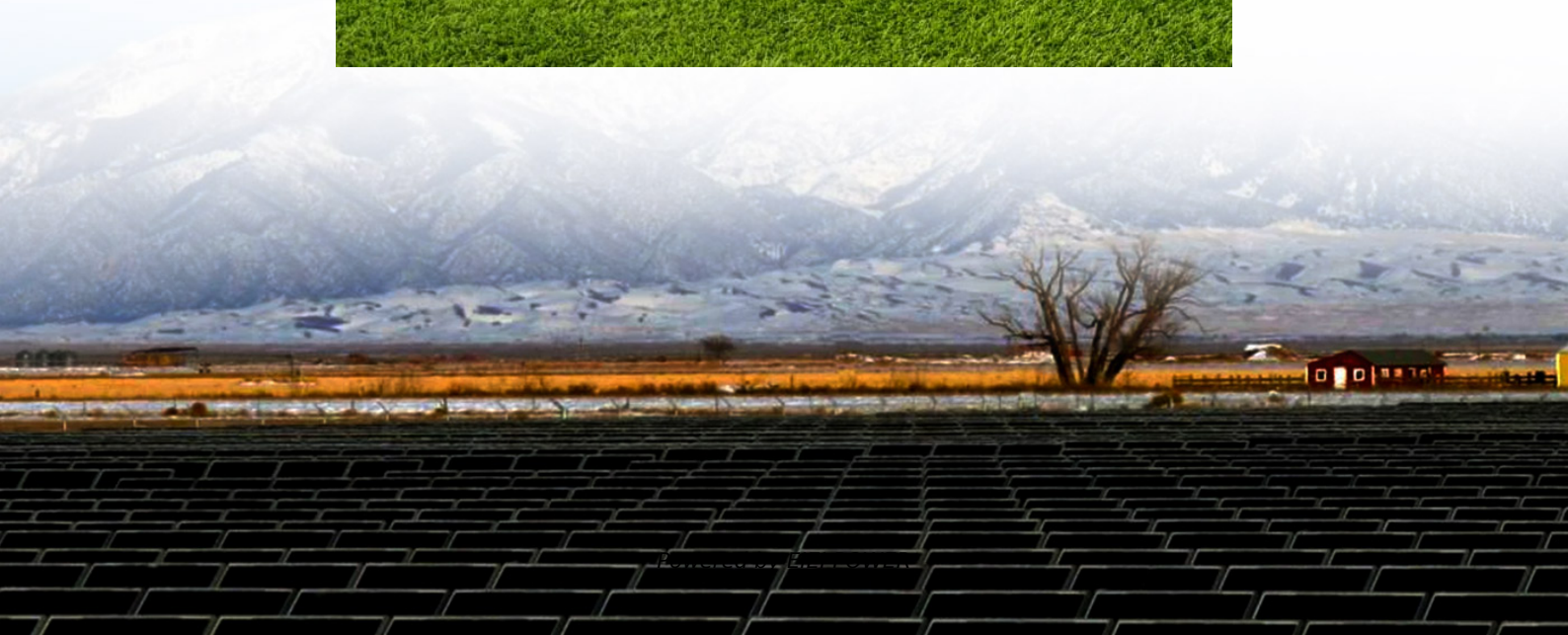


# Small-scale power generation and energy storage projects





## Overview

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What is a small-scale integrated power system?

Additionally, it fosters a small-scale integrated power system combining hydropower, wind, and solar energy, serving as a demonstration for converting conventional hydropower stations into medium-small PSH facilities and exploring distributed generation and small-scale PSH technologies.

What is an energy storage system?

An energy storage system (ESS) for electricity generation uses electricity (or some other energy source, such as solar-thermal energy) to charge an energy storage system or device, which is discharged to supply (generate) electricity when needed at desired levels and quality. ESSs provide a variety of services to support electric power grids.

What are community-based energy projects?

These community-based energy projects, which can be initiated by citizens, small businesses, cooperatives, and local associations, utilize renewable technologies, reduce inefficiencies, provide stable supplies of power, save on energy costs, and provide local job opportunities.

How many energy storage projects are there in the world?

It has 9.4GW of energy storage to its name with more than 225 energy storage projects scattered across the globe, operating in 47 markets. It also operates 24.1GW of AI-optimised renewables and storage, applied in some of the most demanding industrial applications.



## Small-scale power generation and energy storage projects

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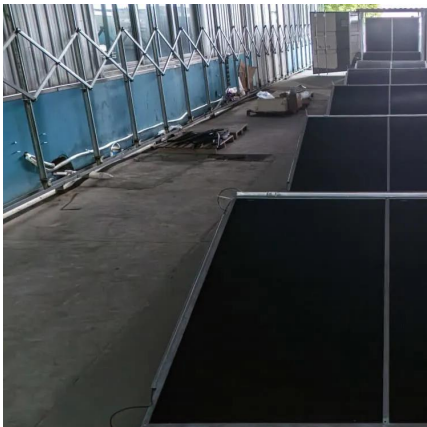
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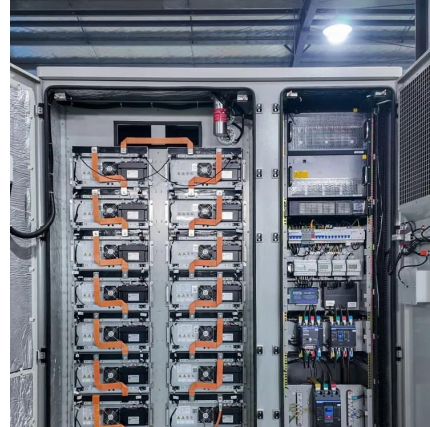
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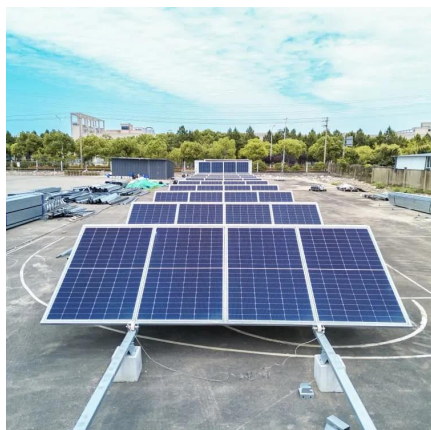
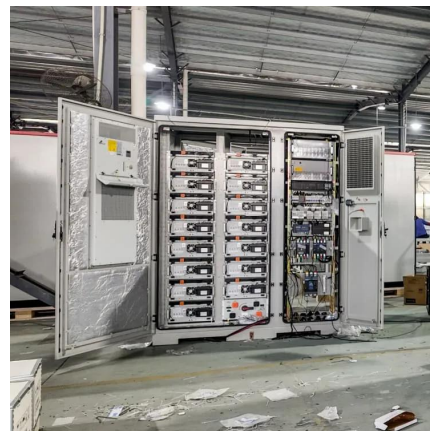


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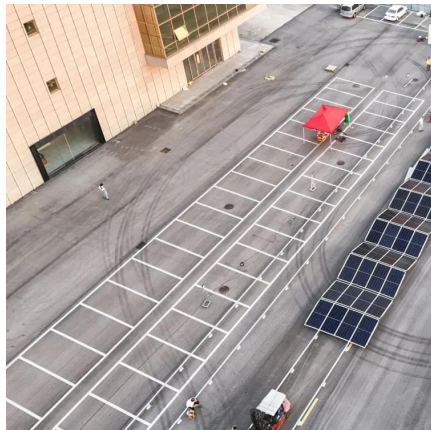
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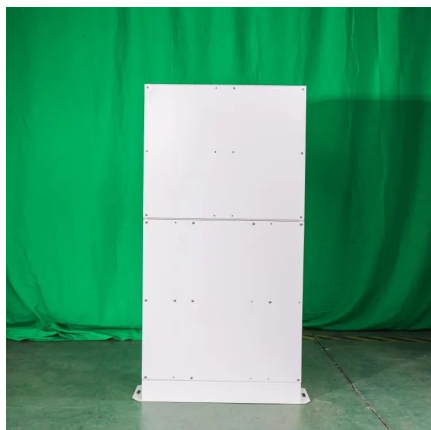


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