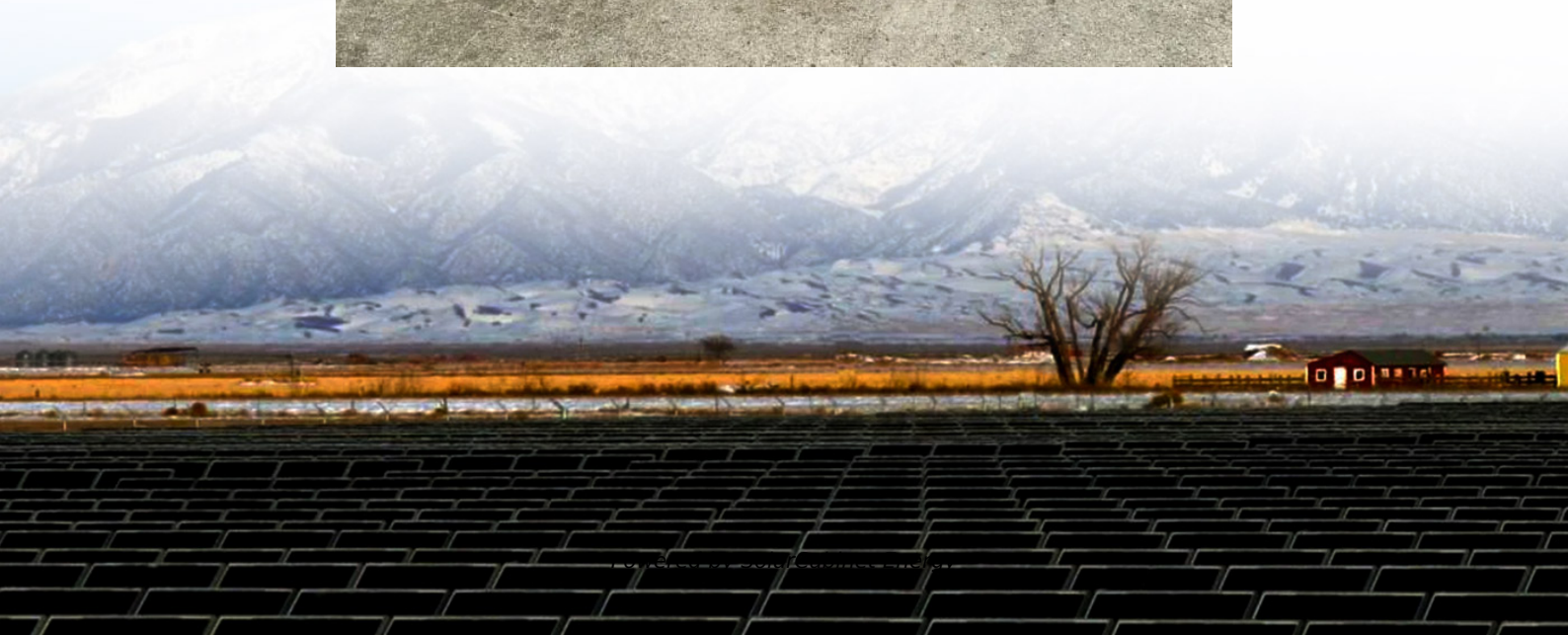


Japanese home off-grid energy storage power station





Overview

Does Tokyo Gas have a battery energy storage system?

Tokyo Gas is also participating in the Japanese utility-scale battery energy storage system (BESS) market, signing a 20-year tolling offtake deal with Australian developer Eku Energy for a forthcoming 30MW/120MWh project.

Why are Japanese companies investing in battery energy storage systems?

Sign up [here](#). That is creating surging interest in battery energy storage systems (BESS) to smooth mismatches in supply and demand. Since December 2023, companies have announced investments of at least \$2.6 billion in Japanese battery storage projects, according to calculations by Reuters.

Does Japan need a virtual power plant?

Smart Star has sold 55, 000 units in Japan, mostly going to Itochu's fleet. A virtual power plant, then, provides economic justification for the small-scale clean energy that Japan desperately needs, given how tricky it is to build large-scale clean energy there.

How big is Japan's battery storage capacity?

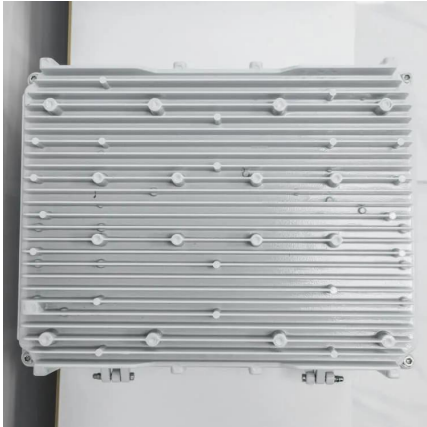
Rystad forecasts Japan's battery storage capacity could reach about 4 GW based on projects under construction, planned and awarded, which would require \$6 billion in investment.

Why does Japan have a low base of grid-connected Bess?

Japan's low base of grid-connected BESS allows for growth, Batbayar said, with the recent setback to Japan's offshore wind market expansion from Mitsubishi's (8058.T) withdrawal unlikely to hinder development of battery projects. As of March, Japan had 0.23 GW of grid-connected BESS, according to METI.



Japanese home off-grid energy storage power station



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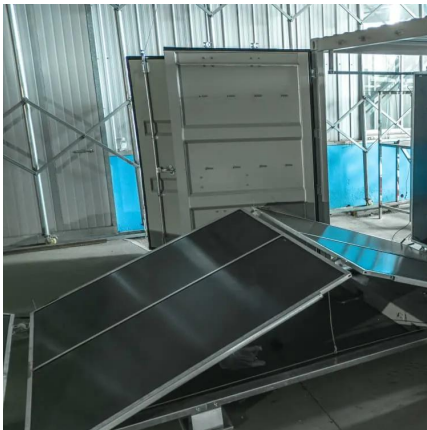
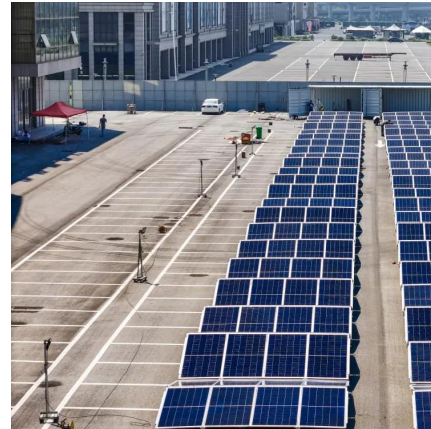


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