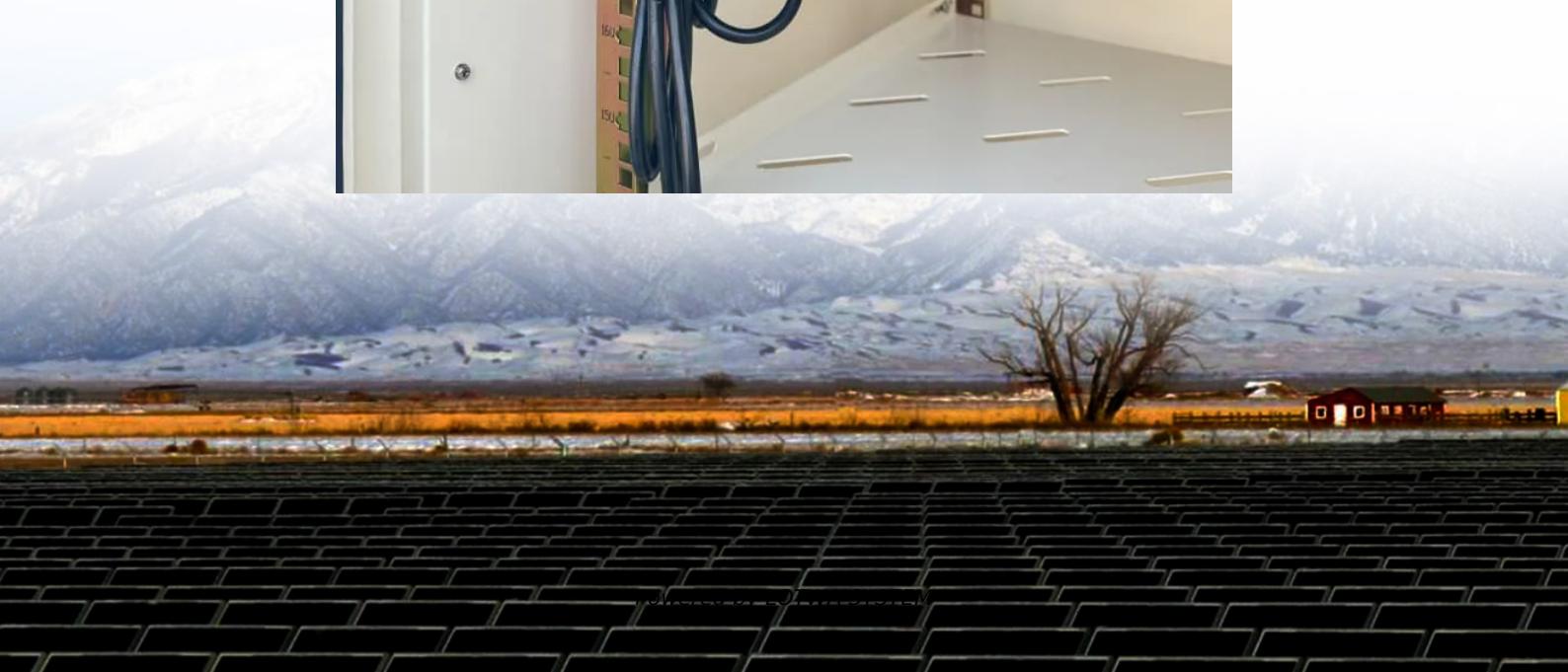


Financing for the 2MWh Smart Photovoltaic Energy Storage Container Project in Djibouti





Overview

How big will energy storage capacity be in 2022?

An estimated 387 gigawatts (GW) (or 1,143 gigawatt hours (GWh)) of new energy storage capacity is expected to be added globally from 2022 to 2030, which would result in the size of global energy storage capacity increasing by 15 times compared to the end of 2021.

Does project finance apply to energy storage projects?

The general principles of project finance that apply to the financing of solar and wind projects also apply to energy storage projects. Since the majority of solar projects currently under construction include a storage system, lenders in the project finance markets are willing to finance the construction and cashflows of an energy storage project.

How much climate financing does the World Bank have for battery storage?

Over the past three years, the World Bank has mobilized approximately \$850 million in climate financing for battery storage projects globally. This includes 5.5 GWh of storage capacity already operational and 3.7 GWh more in the pipeline across the developing world.

What are the business models for solar-plus-storage power purchase agreements?

The report provides a practical 4-phase guided framework covering project identification, business model selection, risk allocation, and competitive procurement. It examines three tailored business models for solar-plus-storage power purchase agreements: two-part contract, capacity contract, and blended contract.



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