

Financing options for a 25kW energy storage container compared to solar energy





Overview

Can you finance a solar energy storage project?

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. However, there are certain additional considerations in structuring a project finance transaction for an energy storage project.

What solar financing options are available in 2025?

Read more about the different solar financing options available. In 2025, solar.com Energy Advisors typically recommend using a solar loan to finance a solar system — if the homeowner can efficiently monetize the 30% federal tax credit. If they can't, then a solar lease or PPA is the best option.

Why do energy storage projects need project financing?

The rapid growth in the energy storage market is similarly driving demand for project financing. The general principles of project finance that apply to the financing of solar and wind projects also apply to energy storage projects.

What is a solar plus storage power purchase agreement (PPA)?

Recently, contracts have been awarded that include both renewable energy and energy storage such as the solar plus storage power purchase agreements (PPA)s executed in Hawaii and Arizona [4,5]. In these innovative contracts the cost of energy, including demand charges, are used as the basis of the PPA price.



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