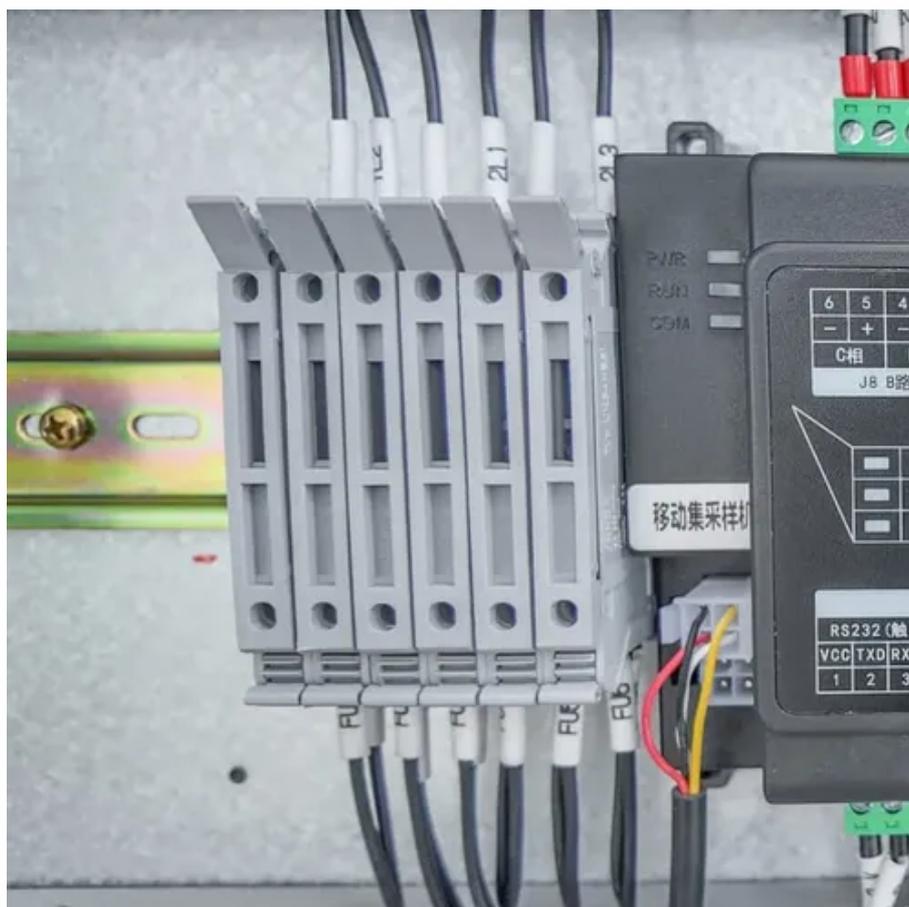




Financing for 2MWh Mobile Energy Storage Outdoor Cabinets for Data Centers





Overview

Traditional loans, governmental aid, Power Purchase Agreements, and alternative financing models are all pathways that can alleviate the burden of upfront investments, enabling broader access to these transformative systems.

Traditional loans, governmental aid, Power Purchase Agreements, and alternative financing models are all pathways that can alleviate the burden of upfront investments, enabling broader access to these transformative systems.

Data center construction is experiencing double-digit growth in the US, a trend that is likely to continue until 2030 and beyond.¹ Accompanying that growth is an increase in deal activity, as developers and hyperscalers — the major players who own and operate large-scale data facilities — vie to.

As a result, data centers, as an asset class, have risen in value. However, the cost of energy and the water usage needed to run them, are increasingly coming under the spotlight. It is estimated that data centers account for approximately 2% of the total U.S. electricity use and these facilities'.

Related: Financing for New Data Center Construction: An In-Depth Guide In the unfortunate scenario of financial distress, a US operator may try to obtain debt-in-possession financing from banks as a last resort to alleviate the pain of a bankruptcy process when filed under Chapter 11 of the US.

Data center financings in the United States were \$30 billion in 2024 and are expected to reach \$60 billion this year. The financing structures have some similarities with traditional project finance structures used in power and LNG deals, but there are also differences. Two data center developers.

Energy storage systems enable a smarter and more resilient grid infrastructure through peak demand management, increased integration of renewable energy and through a myriad of additional applications. However, grid challenges are dynamic, appearing at different times and locations over the years.

In a world hungry for ever-greater amounts of data—driven by rapid growth in cloud computing, digital streaming, social media and video conferencing— it's no wonder that the data center construction market is booming. To meet the rising



demand, new data centers are coming online at an accelerating. What financing solutions are available for data centers?

This guide outlines key financing solutions for data centers – from traditional loans and private equity to emerging instruments like yieldcos. With a strategic approach, data center operators can optimize funding structures to maintain steady cash flows and drive expansion.

How much do data center financings cost in 2024?

Data center financings in the United States were \$30 billion in 2024 and are expected to reach \$60 billion this year. The financing structures have some similarities with traditional project finance structures used in power and LNG deals, but there are also differences.

How do you finance a data center?

Financing data center operations calls for careful planning to manage ongoing costs, capture growth opportunities, and sustain operational resilience. This guide outlines key financing solutions for data centers – from traditional loans and private equity to emerging instruments like yieldcos.

What financing structures are being used in the data center sector?

A wide variety of financing structures are being used in the sector, including the development of rated data center securitisations. Key Performance Indicators are not standardised but typically focus on energy and water efficiency and reducing carbon emissions. Sustainability is becoming an increasing focus for sponsors, borrowers and lenders.



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A guide to financing for data center construction, exploring debt and equity options to optimize your investment strategy.

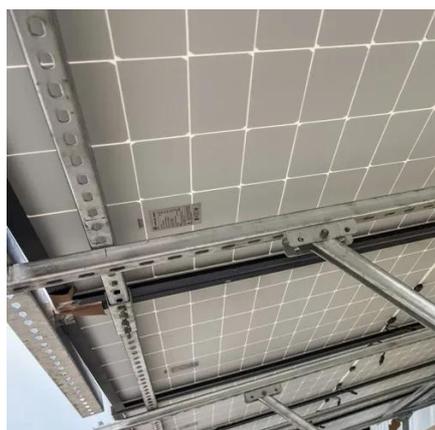


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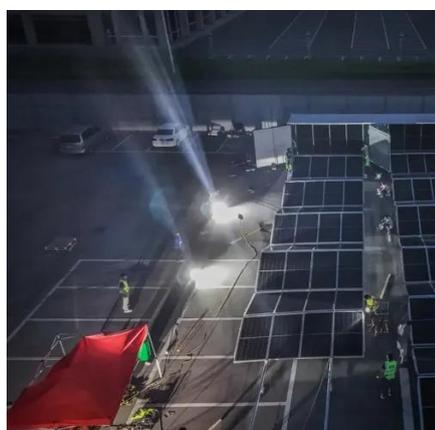
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Learn about the complexities of financing data centers and explore various funding strategies to align with long-term goals in a rapidly evolving market.



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