

Data Center Energy Price Trends



Overview

Global data centre pricing increased 3.3% year-over-year in Q1 to \$217.30 per kW per month, with major markets like Northern Virginia, Chicago, and Amsterdam seeing significant hikes, while smaller markets such as São Paulo and Santiago experienced notable price declines. Limited power availability remains the prime inhibitor of global data center growth in certain core hub markets, leading to opportunities in new hotspots like Richmond (North America), Santiago (Latin America) and Mumbai (Asia-Pacific). " Power constraints are driving early aggressive preleasing. Bloom Energy, a leader in power solutions, explains in this 2025 Data Center Power Report how data center leaders are shifting paradigms and adopting innovative solutions to meet their strategic goals and economic imperatives. Reid Taylor is a research economist in the Research Department at the Federal Reserve Bank of Dallas. The views expressed are those of the authors. Many markets, such as Auckland, Vienna, São Paulo, Singapore, Querétaro and Cape Town have seen cost inflation on data centre projects above 20 percent - driven by low supply chain capacity. Rising markets in the index reflect increased demand outside traditional markets that are becoming. Nearly 100 GW of new data centers will be added between 2026 and 2030, doubling global capacity.

Article Content

Solar Energy Trend, News, Database, Market Analysis, Chart

Procurement Resource offers the latest solar energy prices, a graphing tool to track and compare prices over time and across countries, and customizable price data.

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The interplay between financial investments by large tech firms, energy generation and grid interconnection, and policy to meet increasing energy demand of data centers provides an

Data centre electricity use surged in 2025, even with tightening ...

New IEA report explores AI's growing energy footprint, options for meeting data centre power demand, and impacts on energy affordability, security and wider economy

Global Data Center Trends 2025

Global data center pricing rose 3.3% on a weighted inventory basis year-over-year in Q1 to \$217.30 per kilowatt (kW) per month—a more tempered increase than last year when volatile

2025 Data Center Power Report

Based on what we have heard from data center leaders, we have identified three key trends we expect to continue in 2025. The US is expected to see the highest share of new data centers outside China.

Silver Demand Forecast to Expand Across Key Technology Sectors

As a result, global silver industrial demand is poised to grow further as demand from vital technology sectors accelerates over the next five years. Sectors such as solar energy (PV),

Data center boom expected to raise electricity component of PCE ...

Recent analysis conducted at the Federal Reserve Bank of Dallas forecasts the rise in wholesale and retail electricity prices attributable to the data center boom under a range of

S& P Global Energy Releases Key Clean Energy+ Trends for 2026 as

S& P Global Energy's 2026 outlook sees datacenter demand up 17% and solar additions dipping as China shifts policy, while €584B in EU grid spend is flagged as critical.

Contact Us

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