

Russian Energy Big Data Center



Article Overview

Russia is rapidly expanding its energy-intensive data center infrastructure, with major projects like Rosatom's Moscow-2 and BitRiver's Far East facility driving AI and crypto computing growth.

Key Facilities and Operators

Rosatom's Moscow-2 Data Center is set to become the largest in Russia, offering 36MW of power and capacity for 3,640 racks on a 20,000 sqm site in Moscow's Southern Administrative District. The facility, acquired for 24 billion rubles (\$237 million), will be Uptime Tier IV certified and is expected to go live in 2024. Rosatom's Atomdata Center unit operates additional facilities, including the 48MW Kalininsky data center in Tver and the 10MW Xelent data center in St. Petersburg, with several more under development. BitRiver-B's Far East Data Center in Buryatia is designed for energy-intensive computing with a planned capacity of 100MW. Construction began in 2022, and the project is intended to anchor a new IT cluster supporting Russia's digital economy goals. BitRiver specializes in high-power computing, including cryptocurrency mining and AI workloads.

Energy and Infrastructure Context

Russia's data center sector benefits from low electricity costs, which are 30-40% lower than in the U.S. and Western Europe, and affordable land acquisition near power distribution centers, making large-scale energy-intensive operations economically viable. The country's AI and crypto data centers are projected to double electricity consumption by 2025, potentially reaching 2.5GW or more, despite...

Article Content

Russia Data Center Market Investment to Reach \$2.47 Billion by 2030 ...

In Russia, data center operators are capitalizing on the country's natural climate advantages by adopting energy

Data Processing Center Market Booms in Russia

Discover the explosive potential of the data center market in Russia, where AI will drive increased power demand and

Russian data centres in microreactor play

Russian data centres in microreactor play The concept uses highly automated micro-SMRs designed as local on-site

International

Russia's preliminary dry natural gas production for 2024 is estimated by internal subject matter experts using multiple

The Strategic Advantage: Why Russia is the Premier Destination for Data ...

Discover why Russia is the top choice for data center investments, offering low energy costs, affordable land, and

2026 Data Center Power Report: Mid-Year Pulse

This mid-year update builds on the 2026 Data Center Power Report, revealing how conditions have shifted and what leading

Russia Considers AI Data Centers as Collapsing Gas Sales Create Glut

Russia is exploring using its excess natural gas to power AI data centers and crypto mining after losing much of its

Russia Data Center Market

The Russian Data Center Market, valued at USD 1.55B in 2025, is projected to reach USD 2.83B by 2031, growing at a 10.5% CAGR.

EMC to Open Cloud and Big Data R& D Center in Russia

New Research and Development Center in Skolkovo Innovation Hub to Focus on Cloud and Big Data Analytics

AI is set to drive surging electricity demand from data centres while ...

Another energy security concern relates to the expanding demand for critical minerals used in the equipment in the

International

Russia was the world's second-highest producer of crude oil and condensate as well as dry natural gas and was the

Russia's data centers power capacity reaches 4.2 GW

MOSCOW, May 27 (Xinhua) -- The total capacity of data centers, including cryptocurrency mining facilities,

Russia Puts \$2.3Bln of Data Center Projects on Hold Amid High

Russia has suspended construction of 38 data center projects worth a combined 168.6 billion rubles (\$2.26 billion)

AI Will Drive Doubling of Data Center Energy Demand by 2030 ...

Data Centers Will Use Twice as Much Energy by 2030—Driven by AI Data centers accounted for about 1.5 percent of

Russia's Energy Ministry proposes using coal-fired power plants to ...

The Russian Ministry of Energy has proposed using coal-fired power generation instead of gas-fired power generation

Data and statistics

The IEA collects, assesses and disseminates energy statistics on supply and demand, compiled into energy balances. In addition,

Trends in the Russian data center market

Key trends in the data center market in Russia: 10 main areas 2. First cracks in geocentricity In 2025, more than 75%

Russia's Data Center Flow: Energy, Capacity, and Market Size

- Russia's data center market grows rapidly, driven by 46% lower electricity rates than Europe, boosting energy

Russian data centres in microreactor play

It is designed as a decentralised, localised energy capsule and functions essentially as a nuclear battery installed on

Russian Data Centers Risk Halting AI Training Due to Energy Shortage

Russian data centers may face a shortage of electricity for training neural networks. This was reported by experts.

Russia Energy Information

Russia Energy Research - Russia's Energy & Climate Policy Framework: Russia's energy policy aims to boost renewables, hydrogen

Data centers worldwide by territory 2026| Statista

As of April 14, 2026, there were a reported 4,423 data centers in the United States, the most of any country worldwide.

Russia Data Center Market Size, Trends & Analysis 2034

The Russia data center market size valued at USD 4.6 Billion in 2025, is projected to reach USD 9.1 Billion by 2034 at a CAGR of

September 2025 — Monthly analysis of Russian fossil fuel exports and ...

Key findings In September 2025, Russia's monthly fossil fuel export revenues saw a 4% month-on-month decline to

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Russia: The Emerging Frontier for Data Center Investments

Discover why Russia is an emerging hotspot for data center investments with cost-effective energy, affordable land,

VTB: data center energy consumption in Russia may increase 2.5

The share of electricity consumption by data centers (data centers) and cryptocurrency miners will be about 2% by

Energy Shortage in Moscow: Russian Data Centers May Relocate to

The discussions were prompted by a lack of electricity for building new data centers in Russia, particularly in

October 2025 — Monthly analysis of Russian fossil fuel exports and ...

Authors: Petras Katinas, Vaibhav Raghunandan Sanctioned tankers transported 44% of Russian crude in October, as

Russia Data Center Market Size, Share, Growth Drivers & Investment ...

The Russia data center market size was valued at USD 1.55 billion in 2025 and is expected to reach USD 2.83 billion by 2031,

The data center market in Russia is turning into an arena of a

The data center market in Russia is turning into an arena of a systemic challenge: demand is skyrocketing against

Russia Data Center Market Size & Share Outlook to 2031

The Russia Data Center Market worth USD 2.95 billion in 2026 is growing at a CAGR of 14.41% to reach USD 5.79

Russia Data Center Market Report | Trends & Insights 2030

Russia data center market is set for steady growth through 2030, driven by cloud demand, digitalization, local hosting needs, and

Contact Us

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