

Preview

Explore the latest Data Centers developments, innovations, and analysis shaping the global energy industry, with expert reporting from POWER Magazine. A new report from the IEA assesses how the relationship between energy and artificial intelligence (AI) is evolving rapidly, drawing on the latest data and analysis and close tracking of technological and economic developments in the AI sector. EPC Power's Adam Kabulski talks to DCD's Tam Pledger on their new data center strategy. The shift is a potential boon for nuclear, geothermal, fuel cells, battery storage, and other innovative technology solutions set to provide reliable, low-carbon energy. Financing solutions in the public and private. A proposed merger of the largest utility in the country by market value, NextEra Energy, with the sixth-largest, Dominion, would create a megacompany at a time when data centers and rapid increases in electricity demand are reshaping the industry. This round-up brings you the key stories from the energy sector over recent weeks. Top energy news: US energy groups invest record amounts in power plants for data centres; Energy.

Fossil Fuels A Utility Mega-Merger Is All About Data Centers NextEra's blockbuster deal with Dominion means the largest electricity company stands to benefit even more from AI growth.

Electricity demand from data centres soared by 17% in 2025, and that of AI-focused data centres climbed even faster - well outpacing growth in global electricity demand of 3%.

DatacenterDynamics is the world's largest data center publication. We publish news, magazine features, and podcasts about the hyperscale & cloud,

NextEra's proposed acquisition of Dominion Energy comes as Americans are paying a lot more for electricity, and data centers are demanding a lot more power from utilities.

US energy companies are investing record amounts in building power plants to meet electricity demand from data centres. This round-up brings you

Electricity demand for data centers worldwide is projected to grow 16% in 2025 and to double by 2030, according to Gartner, Inc., a business and

Microsoft Corp. may shelve one of the industry's most ambitious clean-energy targets as it tries to remove hurdles that could hold it back in the race to power data centres, according to people

Executive Summary One year ago, Bloom Energy's inaugural Data Center Power Report documented an emerging reality: AI-driven compute demand was beginning to outpace the grid's ability to deliver

AI is driving a new industrial era. Global demand for data centers is accelerating, with AI expected to significantly increase compute needs and power consumption. Industry estimates

Beginning sometime after May 2027, NV Energy will divert Lake Tahoe's energy supply to AI data centers.

Singapore aims to unlock 300MW of additional data center capacity by driving greater energy efficiency at existing data centers. Announced this

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Data Center Alley, a 30-square-mile stretch outside Washington D.C. and home to more than 200 data centers, consumes roughly the same electricity

The great data center delay: Why your AI chips are stuck in 2026 Bruce Bateman, a chief analyst at Omdia, outlines why semiconductor supplies are being affected by a perfect storm of

Kyle Matter, Managing Director and Head of North America Global Impact at KKR, said: "We acted early on the conviction that rapid growth in computing demand would pose a significant

Constellation Energy enters 5 GW of nuclear, gas, battery capacity in PJM queue Some potential data center customers are pausing decision-making in the PJM Interconnection to see how

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