

Can Equinix power a data center?

Equinix sees safe, efficient and reliable nuclear energy as a promising solution to help power both data centers and the broader grid. The company is working with Oklo: In 2024, Equinix became the first data center operator to sign an agreement with a small modular reactor (SMR) company.

Does Equinix use fuel cells?

Equinix has been using fuel cells for more than 10 years in collaboration with Bloom Energy: Equinix has an agreement to expand its deployment of solid-oxide fuel cells to more than 100MW at over 19 data centers in six states to provide onsite power generation.

Why is Equinix partnering with alternative energy providers?

Fuel cells and next-gen nuclear give Equinix the capacity to power tomorrow's digital infrastructure and the burgeoning expansion of AI and HPC data centers. Equinix has partnered with five alternative energy providers, including fuel cell and advanced nuclear reactor developers, to diversify and secure its power sources.

How can Equinix help drive the energy industry forward?

We are delighted to work with Equinix to help drive the industry forward." "As the demand for power increases, we anticipate innovation in alternative energy technologies increasingly playing a key role in the availability of power going forward," said David Rinard, Vice President of Energy Operations at Equinix.

Are fuel cells boosting grid power at Equinix IBX data centers?

"Our fuel cells are supplementing grid power at 19 Equinix IBX data centers in six states with cleaner and reliable onsite power," said Aman Joshi, Chief Commercial Officer at Bloom Energy.

What does Equinix do?

REDWOOD CITY, Calif., Aug. 14, 2025 /PRNewswire/-- Equinix, Inc. (Nasdaq: EQIX), the world's digital infrastructure company, announced it is working with leading energy companies that are developing innovative approaches to generating reliable and sustainable electricity to support the needs of Equinix data centers worldwide.

Compatibility: These fuels can be used in existing internal combustion engines, infrastructure, and industrial applications without major modifications. Energy Storage: Synthetic fuels act as an ...

Press Release Leading Partners Join Forces with Equinix to Test Sustainable Data Center Innovations Including Fuel Cell and Liquid Cooling Technologies Company Opens ...

SunPower's Equinox Storage is the industry's only home solar plus storage solution designed by one

company, offering a simple, intelligent, flexible way to store energy from the sun.

"We're entering a new solar decade as storage adoption increases with the advancement of battery technologies, and with accompanying services becoming standard," ...

Bloom Energy empowers businesses and communities to responsibly take charge of their power needs. The company's leading solid oxide platform for distributed generation of electricity and hydrogen is changing the ...

This is part of Equinix's diversified portfolio power strategy to help mitigate potential power constraints in the future, by expanding traditional power arrangements with utilities and combining new on-site power generation ...

Solar installation at an Equinix facility in Mumbai, India Exploring alternative power and fuels Powering a sustainable future also requires us to investigate new, alternative sources of power. Fuel cells, for instance, ...

Collaboration will explore and develop hydrogen fuel technologies for green data centers in tropical climates, with a long-term goal of adapting them for use in Equinix's global ...

The Co-Innovation Facility will incubate liquid cooling, cognitive digital twin and other innovations for digital infrastructure that supports sustainability in tropical locations ...

Sustainable innovations, including liquid cooling, high-density cooling, intelligent power management and on-site prime power generation, will be incubated in the CIF in ...

In addition, Equinix continues to evaluate for on-site solar opportunities, onsite generation from fuel cells, and any other distributed low-carbon technology that fits with its ...

As sustainability concerns continue to rise in 2025, Equinix argues that it is critical for businesses to keep adopting new and advanced technologies in a way that minimises environmental impact. "Equinix has ...

We're also working with the Centre for Energy Research & Technology (CERT) at the National University of Singapore (NUS) on the world's first research project to compare the efficiency of proton-exchange membrane ...

With battery backup and non-backup options available, SunPower makes it easy to add energy storage to any home. Learn more about the benefits of adding solar battery storage to your home power system.

Dutch startup Equinox Ocean Turbines BV, which develops a two-stage turbine technology for ocean energy, has raised EUR2.4 million in a seed funding round. The funding round was led by EIT InnoEnergy, with ...

On August 14, the company announced that it is working with leading energy companies to support the needs of Equinix data centers worldwide amid increasing global ...

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