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Amazon builds solar power station

What are Amazon's new solar projects?

The new projects include a 300-megawatt (MW) solar project paired with 150 MW of battery storage in Arizona and a 150 MW solar project paired with 75 MW of battery storage in California. Combined, the two projects double Amazon's total announced solar paired with energy storage from 220 MW to 445 MW.

How many solar projects does Amazon have?

They vary in project type and size, with three new wind farms, 26 new solar farms, and eight new rooftop solar installations at company buildings around the world. As a result of these projects, Amazon now has a total of 310 renewable energy projects, including 134 wind and solar farms and 176 rooftop solar projects.

Will Amazon build a new power station near Dominion Energy?

Amazon also signed an agreementwith Dominion Energy (D.N) to explore the development of an SMR project near the utility's existing power station in Virginia. The about 300 megawatt project would help meet power needs in a region where demand is expected to jump 85% in 15 years, Dominion said.

Does Amazon have a rooftop solar project?

The company added its first rooftop solar project in the United Arab Emirates, which is a 2.7 MW installation in Dubai. Amazon also announced seven rooftop solar projects in Australia, Canada, India, and Japan totaling over 5 MW of clean energy capacity.

Where is Amazon building a data center?

Amazon will develop an up to 960-megawatt (MW) data center at the Salem Township site in Luzerne County, Pennsylvania. The 1,200-acre campus is directly powered by an adjacent 2.5 gigawatt (GW) nuclear power station also owned by Talen Energy. The 1,075-acre Susquehanna Steam Electric Station is the sixth-largest nuclear power plant in the US.

Will Amazon invest in nuclear power?

Amazon and other tech giants have announced plans to invest in nuclear powerto help meet rising demands for clean energy. Amazon on Wednesday announced plans to invest in nuclear power production to fuel its data centers with clean energy, a key part of the e-commerce giant's push to expand AI-powered services.

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Amazon on Wednesday announced plans to invest in nuclear power production to fuel its data centers with clean energy, a key part of the e-commerce giant"s push to expand AI-powered services.

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SMRs are an advanced kind of nuclear reactor with a smaller physical footprint, allowing them to be built closer to the grid. They also have faster build times than traditional reactors, allowing them to come online sooner.

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