



BUSINESS

Data Center News Roundup: ChatGPT, Amazon, and the FAA

In this week's top data center news stories, Amazon takes on Oregon, ChatGPT takes on Google, and "spray cooling" takes on hot server racks.

Dylan Fisher | Apr 07, 2023



With data center news moving faster than ever, we want to make it easy for data center professionals to cut through the noise and find the most important stories of the week.

The Data Center Knowledge News Roundup brings you the latest news and developments across the data center industry — from investments and mergers to security threats and industry trends.

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Amazon Activity in Oregon

Amazon [announced a new partnership](#) with Umatilla Electric Cooperative (UEC) to support Amazon's goal of powering operations with 100% renewable energy by 2025. As part of the deal, UEC will allow AWS to choose the energy supplies — including renewables — that power Amazon's Eastern Oregon data centers.

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Amazon recently faced criticism for allegedly helping to “quietly quash” [an Oregon climate bill](#) targeting high energy users that would have regulated the tech giant's data centers. Despite Amazon's “Climate Pledge” to reach net-zero carbon emissions by 2040, critics, including Oregon state representative Pam Marsh, argue that the company's behind-the-scenes activities are inconsistent with these public sustainability commitments. As reported in the Bezos-owned *Washington Post*, “last year, [Amazon's] carbon emissions increased at a higher rate than it ever previously reported.”

A New ‘Spray Cooling’ in Data Centers

In the ongoing quest for a more sustainable data center, researchers at [NTU Singapore](#) have developed a new spray cooling technique that uses a mist of non-conductive fluids to help regulate temperatures in data centers, improving their energy efficiency and decreasing their carbon footprint by up to 26%.