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LATEST

Corscale, Affinius, and e2Companies bring on-site power to US data centres

The partnership is expected to support over 300 MW of energy needs across Corscale's development pipeline.

By Abigail Opiah

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Corscale Data Centers and investment firm **Affinius Capital** are partnering with e2Companies to incorporate on-site energy systems into future data centre projects.

The agreement gives Corscale exclusive rights for 24 months to use e2Companies' R3Di power system across its hyperscale developments in the U.S.

"We are beyond excited about the prospect of partnering with Corscale and Affinius. They understand the technology required to power the AI-data centre boom over the next decade," said James Richmond, CEO of e2Companies.

"Every industry is being revolutionised by next-gen AI capabilities. Our combined goal is to provide clean, reliable, and efficient energy to power this revolution."

The partnership is expected to support over 300 MW of energy needs across Corscale's development pipeline.

While no minimum purchase is required, the companies anticipate further collaboration beyond the initial rollout.

"Corscale is built to address hyperscale client needs and provide the mission critical infrastructure that their customers require to store, process, and analyse data," said Corscale CEO Robert Fields.

"This potential partnership would bring e2's on-site power generation, energy storage and grid optimisation technology to our clients, fulfilling our commitment to deliver creative solutions to meet the expected quality, efficiency, and reliability to achieve their goals."

According to the company, the R3Di system is designed to address energy demands from power-intensive applications, including those using AI processors. It operates as a localised power source, functioning independently from traditional utility grids.

The R3Di system also integrates with e2Companies' Grove365 platform, which provides real-time energy monitoring and predictive analytics.

“For more than four decades Affinius has embraced the implementation of new technologies that we believe will enhance outcomes for our investors,” said Len O'Donnell, chairman & CEO of Affinius Capital.

“Innovation is one of our Core Values, presenting our intention to pioneer new concepts and improve upon current practices to pave the way to a more advanced and dynamic tomorrow. This belief is at the forefront of our investment in Corscale, and I can't think of any area where innovative new technologies can have a greater impact than in data centre development.”

Corscale, backed by Affinius Capital, launched in 2021 to serve large-scale data infrastructure needs. Its development pipeline is currently valued at US\$25 billion. Three months ago, Corscale and Affinius Capital **commenced construction on its third building at the Gainesville Crossing Campus** in Virginia, USA.

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