Dallas County, Texas — #1 of 10: Data Processing and Hosting Sites

Dallas County leads Texas in data center density

Source: ALEX Intelligence · Published October 28, 2026

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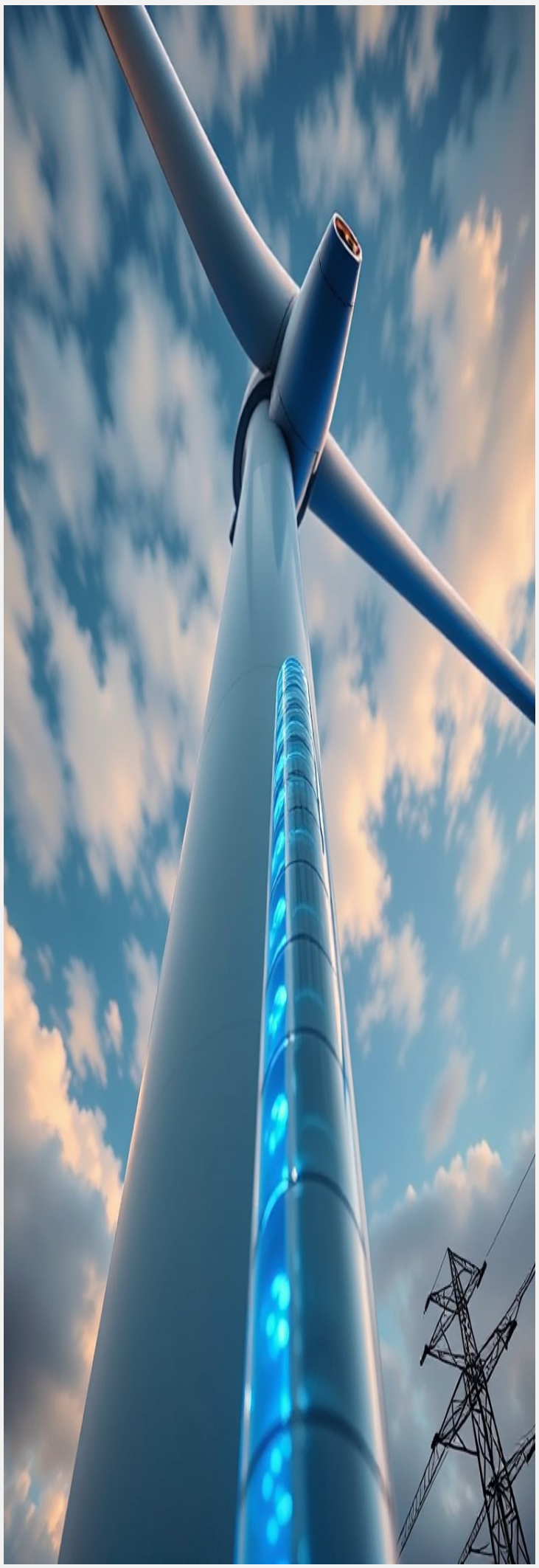
THE DATA

265

Data Processing and Hosting Sites (2022)

Dallas County, Texas, hosts 265 data centers, the highest in the state.

This concentration reflects a strategic convergence of energy infrastructure, fiber connectivity, and cooling efficiency. The clustering of data centers in Dallas County is not accidental—it is a direct consequence of the region's ability to manage the massive, sustained power demands of AI-driven compute workloads. The city's proximity to high-capacity transmission lines and emerging microgrid pilots makes it a natural hub for energy-intensive digital infrastructure.

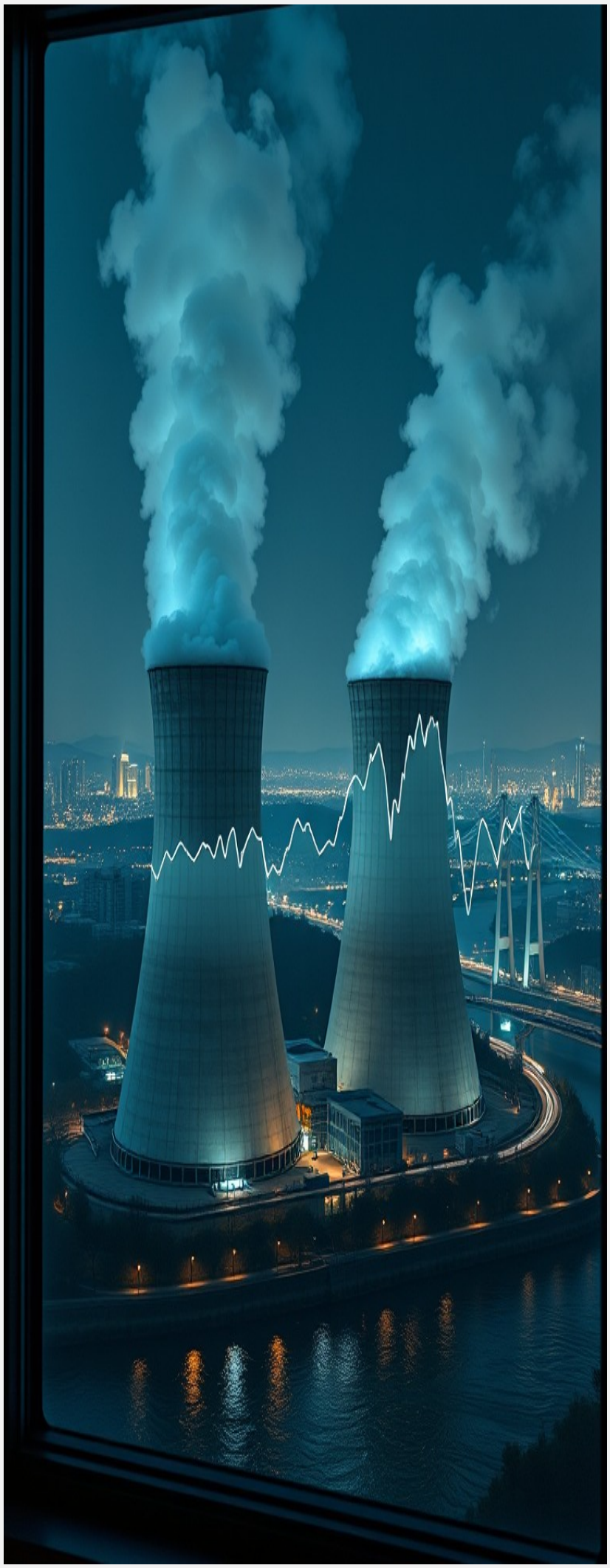


Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 518210 (Data processing, hosting, and related services) · ALEX Intelligence computation
https://alex-companies.com/data/2026-10-28-ai-energy-ind-518210-county

01

AI energy demand is spatially concentrated

The data shows that AI’s energy footprint is not evenly distributed—it is co-located with physical infrastructure. Dallas County’s 265 sites are not isolated; they form a dense cluster that requires real-time energy orchestration. This spatial concentration implies that grid optimization must now be localized, not just national. AI systems that manage power distribution must be embedded within these clusters, not just in the back office.



02

Data centers are the new grid operators

As data centers grow in number and power draw, they are becoming de facto energy managers. Their need for uninterrupted, efficient power forces them to interface directly with grid operators and storage systems. In Dallas County, this creates a feedback loop: more data centers drive more grid innovation, which in turn enables more data centers. The most advanced AI energy systems are no longer just modeling the grid—they are operating it.

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