

Texas Leads U.S. Wind Generation Sites — ALEX Intelligence 2026

Texas Has 93 Wind Sites — #1 in U.S.

Where AI and energy infrastructure converge at scale

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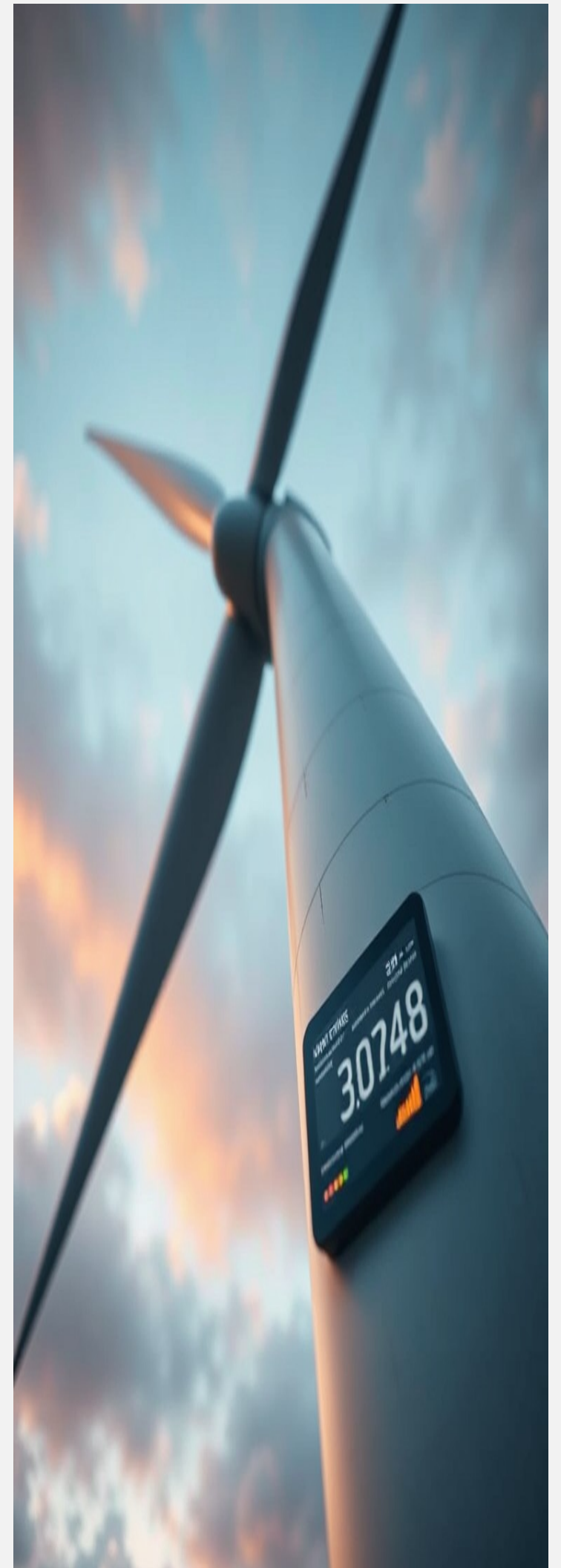
93

Wind Generating Sites (2022)

Texas leads all states in the number of wind electric power generation sites.

This dominance reflects a strategic infrastructure footprint that is not just about volume, but about the convergence of renewable generation, data center power demand, and AI-driven grid management. The scale of Texas's wind infrastructure creates a unique testbed for AI models trained on real-time, distributed energy flows.

Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 221115 (Wind electric power generation) • ALEX Intelligence computation
<https://alex-companies.com/data/2026-10-04-ai-energy-ind-221115-state>



01

AI Models Train on Texas's Grid Scale

This scale is not incidental—it is a deliberate infrastructure advantage. The presence of 93 wind sites enables AI to simulate and optimize energy flows across vast, heterogeneous systems, making Texas a de facto laboratory for next-generation energy intelligence.



02

Data Centers Demand Texas's Energy Scale

This creates a feedback loop: more data centers drive higher demand, which in turn fuels further investment in wind and AI grid optimization. The result is a self-reinforcing ecosystem where energy infrastructure and AI infrastructure co-evolve at scale.

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