

UNDERSTANDING THE SCALE

What Is a Hyperscale Data Center?

Picture a football field. Now multiply it.

A traditional data center may occupy roughly 10,000 to 50,000 square feet. A modern hyperscale data center can range from about 500,000 to 5,000,000 square feet. A standard football field, including end zones, covers about 57,600 square feet.



Picture 43 football fields sitting side by side — not houses, not farms, not orange groves, not wetlands. Buildings, servers, cooling equipment, substations, and generators, running around the clock.

WHAT COMES WITH THAT SCALE

- ✓ Enormous electrical demand — sometimes equal to powering tens of thousands of homes.
- ✓ Significant water use for cooling in many facility designs.
- ✓ Continuous noise from fans, cooling systems, transformers, and backup generators.
- ✓ New substations, transmission lines, and industrial infrastructure.

This is industrial infrastructure.

Know what is being proposed before it is approved.

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