



ENERGY VAULT
Enabling a Renewable World



SNYDER AI

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PROJECT TECHNOLOGY: MODULAR DATA CENTER

8MW PHASE 1 | 25MW PHASE 2

PROJECT OVERVIEW

Snyder AI is a proposed **modular data center** deployment in Snyder, Texas. The project will bring 8 MW of computing capacity online in 2026, with a planned increase to 25 MW total in 2027. Energy Vault will serve as the builder, owner, and operator of the facility.

The project uses **pre-manufactured** modular units rather than a single large building. This design keeps the footprint small, limits on-site construction, and allows capacity to be added in incremental steps as demand grows.

A DIFFERENT KIND OF DATA CENTER

Snyder AI is not a hyperscaler data center. It is a thoughtfully-developed container-styled data center built off-site and then deployed and commissioned to site. Instead of extensive years of construction, permitting and grid-planning, Snyder AI offers a more streamlined process to reduce inefficiencies. This type of data center offers flexible and scalable deployment without impacting the entire footprint on the land



PROJECT AT A GLANCE

Technology	Modular data center
Location	Snyder, Texas
Initial Capacity (2026)	8 MW
Total Capacity (2027)	25 MW
Cooling	Air-cooled
Water use	~9 gal/day per unit
Builder / Owner / Operator	Energy Vault



WHAT SETS IT APART

- Modular units, not a hyperscale campus
- Air-cooled, no cooling towers
- Minimal on-site construction
- Pre-manufactured, ready to deploy
- Scales in steps as demand grows

The site is selected to keep impact on nearby homes, businesses, and schools low. Final siting and engineering follow applicable safety and design standards.





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WATER, CONSTRUCTION & COMMUNITY

A closer look at the proposed modular units in the foreground. Each unit is a self-contained system delivered ready to operate, with capacity added incrementally as demand grows.

1

AIR-COOLED

No cooling towers and no evaporative cooling.

2

PRE-MANUFACTURED

Units arrive built and ready to deploy.

3

90 GAL/DAY (PHASE 1) 297 GAL/DAY (PHASE 2)

Water per unit, for humidity management only.

4

COMPACT FOOTPRINT

Far smaller than hyperscale campuses.

WATER USE

The units are air-cooled. The cooling system runs on air, not water.

There will be a total of 33 modular units.

Each modular unit uses approximately 9 gallons of water per day. This water serves a single purpose: maintaining humidity inside the unit, comparable to a household humidifier.

No large-volume water draw

There are no cooling towers. There is no evaporative cooling. The water footprint of this project is measured in gallons per unit, not in the millions of gallons used by large-scale facilities.

CONSTRUCTION & INFRASTRUCTURE

The modular units are pre-manufactured and arrive ready to deploy. On-site construction is minimal.

Because the units are built off-site and delivered complete, the project avoids the extended, heavy construction activity associated with large facilities. Site preparation and installation are limited in scope and duration.

COMMUNITY BENEFITS

The Snyder AI project brings investment and economic activity to Snyder and Scurry County while keeping local impact low. The modular design delivers the benefits of new technology investment without the footprint, traffic, and resource demands of a large campus.

The project is expected to support the local economy through construction and operations activity, local contracting opportunities, and ongoing tax revenue.

FACTS AT A GLANCE

8 MW

Computing capacity online in 2026

25 MW

Total planned capacity by 2027

~9

Gallons of water per unit, per day, for humidity only

\$70M

New business investment over 20 years

INDICATIVE TIMELINE

2026 > 2027

Initial 8 MW deployment

Expansion to 25 MW total



MORE INFORMATION OR PROVIDE FEEDBACK

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