# STACK
### INFRASTRUCTURE

## DFW02 | SOUTH DALLAS CAMPUS
High-Density Capacity Now Underway. Powered for Scale Up to 500MW.
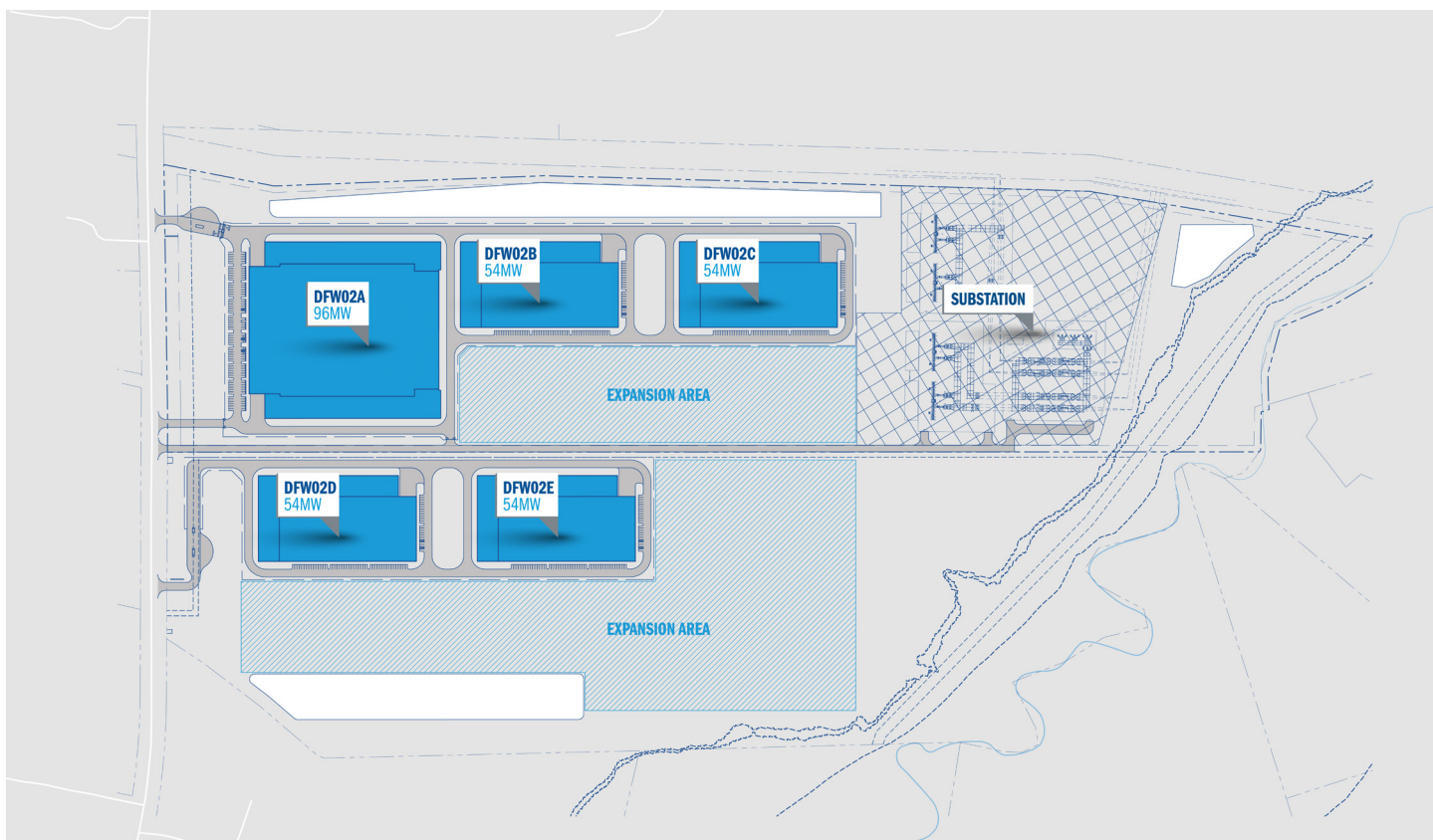


CRITICAL CAPACITY
**500+**MW

TOTAL CAMPUS SIZE
**193**ACRES

# GENERAL OVERVIEW

STACK's DFW02 campus in Lancaster, TX spans 193 acres in south Dallas' premier power corridor, where scalable land and committed power converge to support AI/ML and cloud demand, at speed and scale. With more than 300MW of critical capacity currently planned, and expansion up to 500+MW, DFW02 is designed to meet evolving demand for high-density, high-performance deployments.

Equipped with a dedicated on-site substation and flexible shell or turnkey delivery options, DFW02 supports advanced cooling strategies ideal for AI/ML and cloud computing growth in a competitive, power-visible market.



**Scalable Capacity at Speed:** Access more than 300MW of critical capacity, with expansion up to 500+MW across a 193-acre campus designed for scale, speed, and AI/ML deployment needs.

**High-Density Flexibility:** Supports advanced rack density with a closed-loop cooling architecture engineered for AI/ML and high-performance workloads, including liquid-to-chip options.

**Strategic South Dallas Location:** Located in a power-visible, development-ready corridor with scalable land, committed power pathways, and access to long-haul fiber, ideal for AI/ML and cloud growth.

**Sustainability Focus:** Powered by 100% renewable energy to help support clients' sustainability targets and corporate responsibility goals.

## Facility Overview

· 312MW Critical Capacity (Expandable to 504MW)
· 1,760,022 SQ. FT.
· 193 Acres
· Supports both shell and turnkey deployments

## Power & Reliability

· Critical Blocks, PDU's, and Mechanical Blocks designed with N+1 resiliency
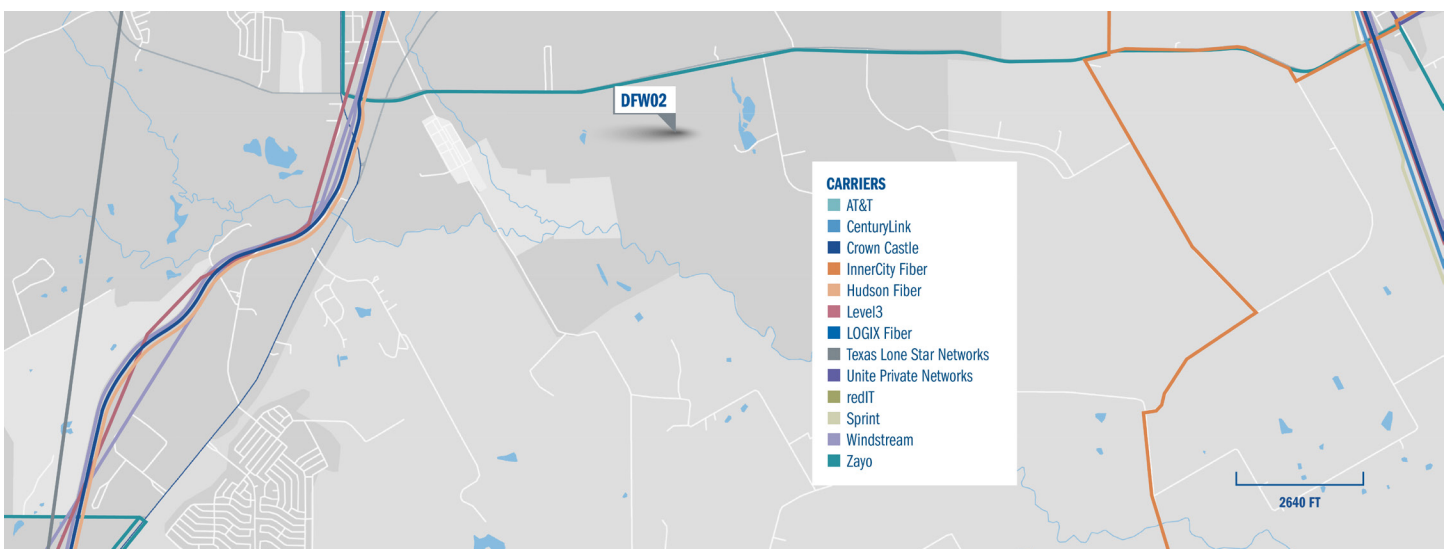· Minimum 24-hour fuel storage for continuous operation

## Supporting AI, ML, and Cloud Workloads with Flexible Cooling

· Proprietary design can support multiple cooling deployments, including air-cooled and liquid-to-chip
· Closed-loop water cooling systems drive low water usage effectiveness
· Separate chiller plants, each capable of continuous cooling
· Optimal Mechanical UPS and Thermal Storage Tanks programmed

## Security

· 24/7 on-site security with dual-factor biometric access
· Comprehensive CCTV coverage with 93-day retention
· Secure perimeter with gated vehicle access

## Connectivity

· 4 Meet-Me-Rooms (MMRs) each serving as a Point-of-Entry (PoE)
· Cloud provider connects, trans Pacific cables, and major carrier hotels

## Amenities

· Conference rooms, complimentary WiFi, and shared office space
· Secure multi-bay loading dock
· Dedicated storage and staging areas
· Break room, wellness room, bike racks, and EV chargers

## Fire Protection

· Advanced heat, smoke, and VESDA fire detection systems
· Dual-interlock pre-action sprinkler system
· Located in a minimal flood hazard area (FEMA-designated)

## Certifications Supported

HIPAA CERTIFIED COMPLIANCE HITECH · PCI DSS COMPLIANT · SSAE18 · ISO 9001:2008 CERTIFIED COMPANY

**CARRIERS**
- AT&T
- CenturyLink
- Crown Castle
- InnerCity Fiber
- Hudson Fiber
- Level3
- LOGIX Fiber
- Texas Lone Star Networks
- Unite Private Networks
- redIT
- Sprint
- Windstream
- Zayo

DFW02

2640 FT

STACK is a proven, trusted partner for the world's most innovative companies, designing, developing, and operating sustainable global digital infrastructure. Backed by an unmatched record of reliable delivery and development expertise, STACK brings speed, scale, certainty, and responsibility to the demands of a rapidly evolving digital infrastructure landscape.