NVA02 / NORTHERN VIRGINIA

Strategic Development in the World's Top Data Center Region

CAPACITY
420MW

CAMPUS SIZE
2,300,000SQ FT

NUMBER OF BUILDINGS
10 BUILDINGS
MASTER-PLANNED

STACK
INFRASTRUCTURE

STACK INFRASTRUCTURE

Scale Your Footprint in North America's Most Coveted Market

Northern Virginia remains the world's largest data center market. This land- and power-constrained market is in high-demand for hyperscale, cloud, and enterprise companies looking to create tomorrow's greatest innovations. While Loudoun County is often referred to as "Data Center Alley," Prince William County is fast becoming a strong contender for the title with recent rapid growth and expansion, and STACK's massive Manassas campus answers the area's quickly growing capacity needs.

Situated on 200 acres with substantial fiber connections, STACK's Prince William County campus NVA02 comprises ten data centers and provides 420MW for incredible scalability. Powering the campus are two dedicated 300MW onsite substations, supplying low-cost power and high reliability to enable top technology pioneers to forge the world's next big innovations.
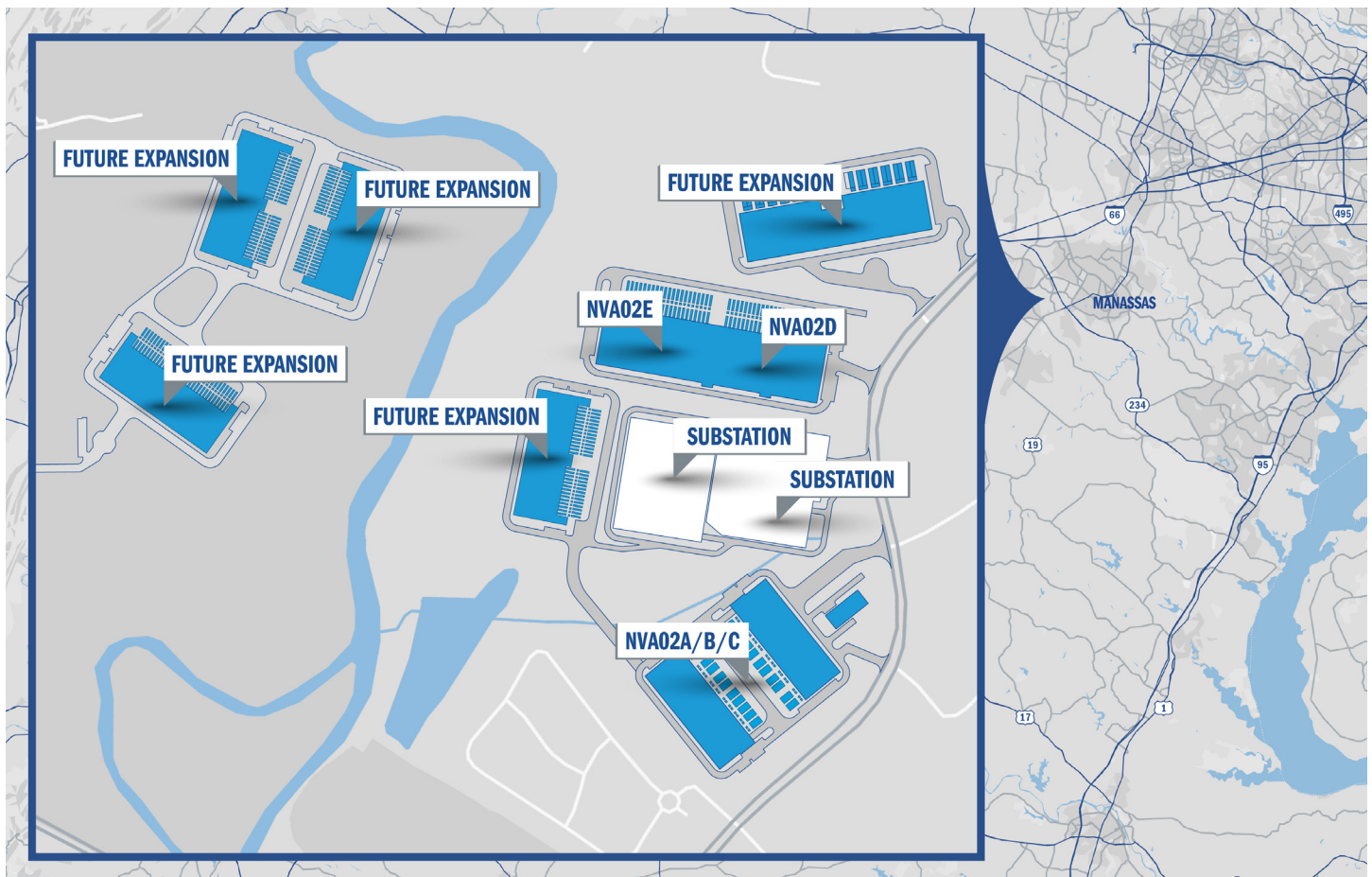
Central Location: Grow in the heart of the data center market with proximity to major East Coast availability zones and an experienced talent pool.

Comprehensive Connectivity: Easy access to domestic and long-haul fiber routes for low-latency connectivity.

Robust Power: Two dedicated 300MW onsite substations for reliable, redundant power to run your business with peace of mind.

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

AI-Ready: NVA02 Campus is engineered to handle high-density workloads, ensuring reliable performance for complex AI technologies and supporting the ongoing growth and success of our clients.
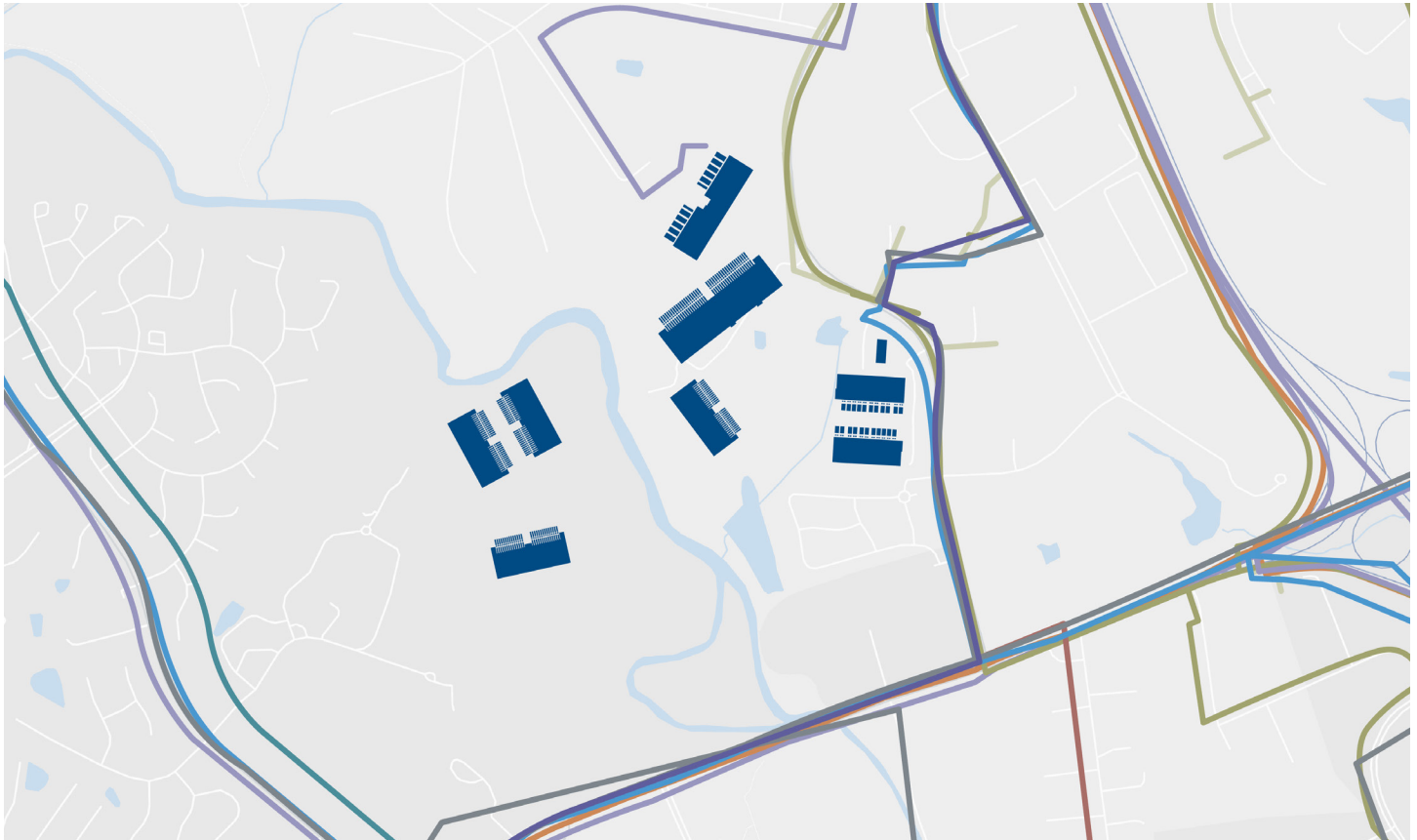
STACK INFRASTRUCTURE

Connect with your customers quickly and reliably from the epicenter of the Internet.

Learn more about our other Northern Virginia land options on our website.

METRO NETWORKS

- Atlantic Broadband
- Crown Castle
- Fiberlight
- Lumen
- Novec
- Segra
- Summit IG
- Unity Fiber
- Windstream
- Zayo Metro

CAPACITY
Campus Capacity
- Total Campus Capacity: 420MW
- Future Expansion Capacity: 260MW

Campus Size
- Total Campus Size: 2,300,000 sq. ft.
- Future Expansion Size: 1,300,000 sq. ft.

LOW-COST, FLEXIBLE COOLING & EFFICIENCY
Cooling
- N+1 345-ton air-cooled chillers per lineup with VSD and quick restart

Density
- Deployments to support high density AI-Ready workloads

CONNECTIVITY
Diversity
- Each building has a minimum of 2 Meet-Me-Rooms with diverse fiber entrances

Carrier Availability
- Access to 10 networks
- Dark fiber available

SAFETY & SECURITY

Security
- 24 x 7 on-site security personnel
- Dual-factor biometric access
- CCTV coverage with 93-day retention
- Secure vehicle gates with badge access
- Perimeter fencing

Fire Protection
- Dual smoke detection including VESDA
- Dual-interlock pre-action sprinkler system

POWER & RELIABILITY

Utility Service
- Multiple utility feeds

Fuel
- 100% Renewable Energy

Substation
- Two 300MW dedicated onsite substations from Northern Virginia Electric Cooperative (NOVEC)

Electrical Redundancy (Generators / UPS)
- N+1 Block Redundant

Fuel Storage
- Minimum 24 hours of operation

PDU
- Client-dedicated PDU distribution

BMS Controls
- Client access to BMS portal

AMENITIES

Work Space
- Conference and break rooms
- Complimentary WiFi
- Ample shared and dedicated office space

Storage
- Shared and private storage/staging

Client Conveniences
- Electric Vehicle (EV) parking spaces
- Showers
- Bicycle storage
- Multi-bay secure loading dock

CERTIFICATIONS SUPPORTED

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