

A map of Northern Virginia is shown in a light blue color. Overlaid on the map are several concentric circles in a darker blue shade, centered on a small icon of a data center. The icon consists of a blue square with a white 'S' inside. The text 'NVAL3 / NORTHERN VIRGINIA' is prominently displayed in a large, bold, blue font across the middle of the map.

# NVAL3 / NORTHERN VIRGINIA

Flexible Capacity in the World's Largest Data Center Market



The world runs on data. Data runs on STACK. | [sales@stackinfra.com](mailto:sales@stackinfra.com)

## Grow scale at speed within the center of the Internet universe.

Renowned as the most coveted data center market, Northern Virginia caters to hyperscalers and large enterprises looking to capitalize on the area's low-cost power and ample fiber connections. As one of the largest private data center operators globally, STACK secured a 34-acre multi-phase development near Manassas, bringing 84MW of critical capacity to this highly sought-after region. STACK's industry-leading site selection team, large-scale development expertise, and critical local relationships establish the world's most innovative companies within the globe's largest data center market.

**Premier Location:** Access to a key power and land-constrained market that top technology innovators need.

**Expansive Campus:** A 34-acre site with plans for two buildings spanning 602,000 sq. ft., offering a combined total of 336,000 sq. ft. of data hall space.

**Scalability Potential:** 84MW of critical capacity providing scale for future growth and development.

**Ultimate Flexibility:** Rack-ready, powered shell, and built-to-suit opportunities provide varied optionality within STACK's modular Basis of Design.

**Rapid Delivery:** Planned delivery set for Q3 of 2023, demonstrating STACK's commitment to speed-to-market so you can go from zero to scale, fast.

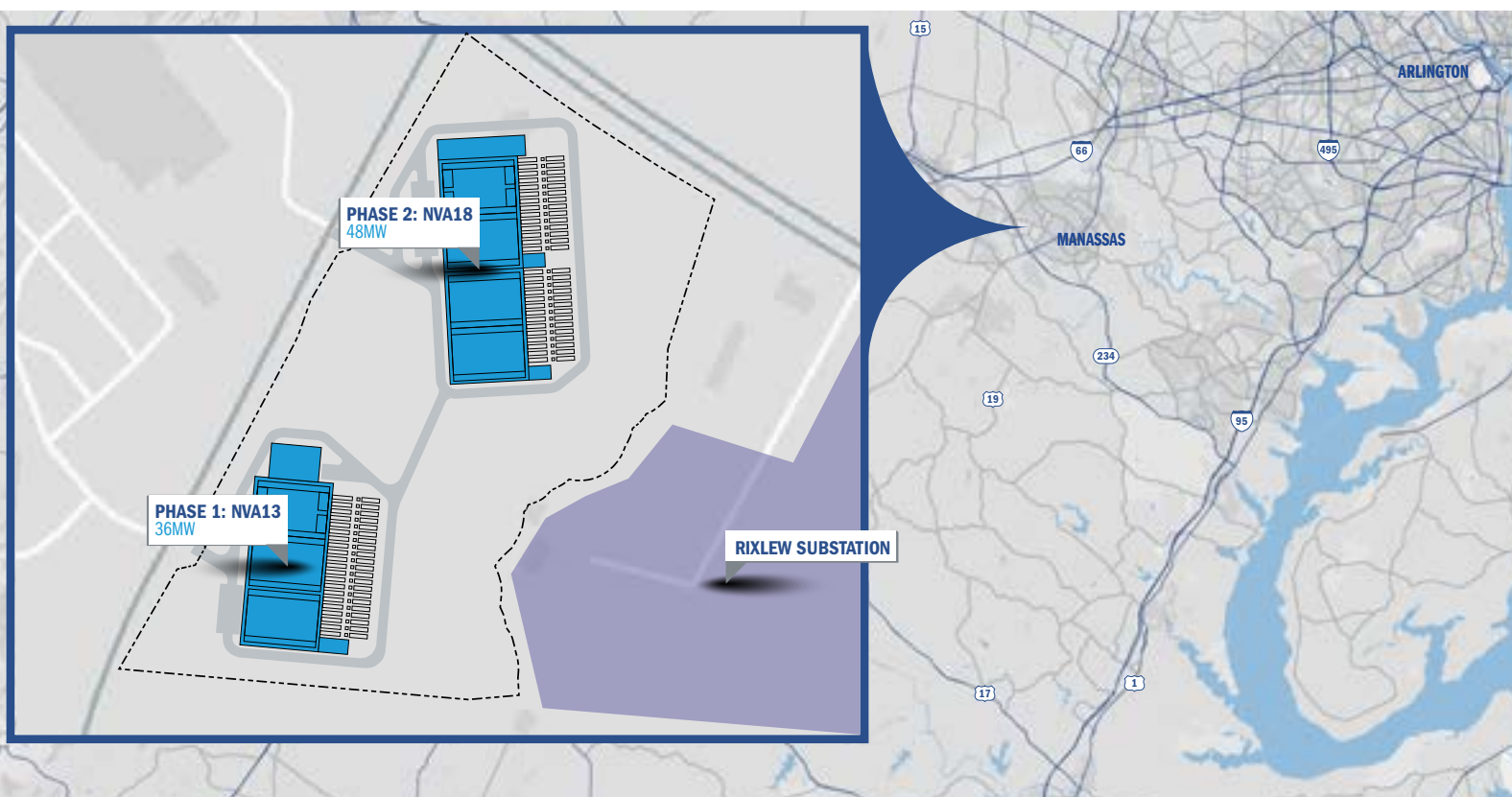
**Comprehensive Connectivity:** Supported with generous high-capacity dark fiber and access to all major long haul fiber carriers for low-latency connectivity.

**Scalable Electrical Infrastructure:** Directly adjacent to existing high-voltage transmission lines connected to a Novec substation, which will be expanded to support the site.

**High Value:** Rapid, scalable capacity with redundant power and security in the epicenter of the Internet.

**Sustainability Commitment:** Planned with STACK's efficient, low-water use Basis of Design and powered by 100% renewable energy.

The capacity and control you need in the pinnacle data center market, coupled with the expertise and service you deserve from a digital infrastructure partner.



**STACK data centers are built for maximum flexibility, efficiency, scale, and speed.**

**OPTIONS AVAILABLE**

## HYPER STACK

BUILD-TO-SUIT

**Built to scale.**

Our HYPERSTACK build-to-suit option gives you total flexibility and control. Choose our purpose-built Basis of Design as a starting point, or work with the STACK team to develop a customized solution for your company to grow as fast as you need.

## POWER STACK

POWERED SHELL

**A flexible foundation.**

POWERSTACK powered shell solutions are customizable base buildings designed for rapid deployments of right-sized capacity on demand. They're fiber-provisioned, fit-out ready, and available fast.

## READY STACK

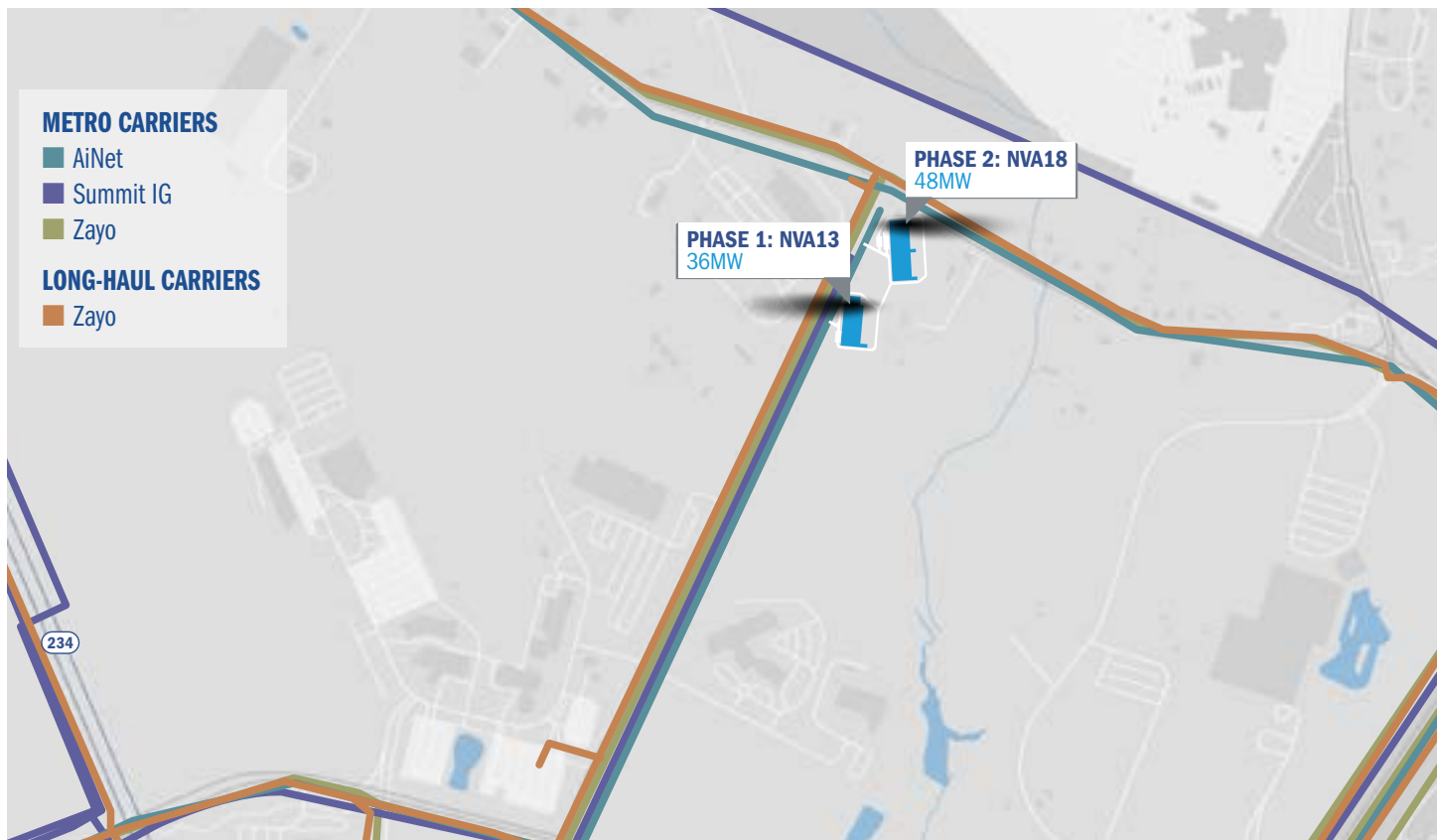
COMMISSIONED CAPACITY

**Plug in and go.**

When you need capacity even faster, you need READYSTACK. These rack-ready data halls are purpose built for your immediate needs with pre-installed racks, connectivity and power. You bring the equipment. We've got everything else.

**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.



## CAPACITY

### Facility Size

- Phase 1 (NVA13): 262,000 sq. ft.
- Phase 2 (NVA18): 340,000 sq. ft.
- Total: 602,000 sq. ft.

### Total Capacity

- Phase 1 (NVA13): 36MW
  - 12MW of READYSTACK commissioned capacity
  - 24MW of POWERSTACK powered shell options
- Phase 2 (NVA18): 48MW
  - 48MW of HYPERSTACK build-to-suit

## LOW-COST, FLEXIBLE COOLING & EFFICIENCY

### Cooling

- N+1 345-ton air-cooled chillers per lineup with VSD and quick restart

### Density

- Deployments supported in excess of 8kW per cabinet

## 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

### 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

## CONNECTIVITY

### Diversity

- 2 Meet-Me-Rooms with diverse fiber entrances

### Carrier Availability

- Carrier neutral

### Access to Wave Fiber Ring

- Connectivity to cloud providers, trans-Pacific submarine cables, and major carrier hotels

## AMENITIES

### Work Space

- Conference and break rooms
- Complimentary WiFi
- Shared and dedicated office space

### Storage

- Shared and private storage/staging

### Client Conveniences

- Showers
- Bicycle storage
- Multi-bay secure loading dock

## CERTIFICATIONS SUPPORTED



SSAE18

