TOR01/CAMPUS

AI-Ready Scalability In North America’s 4th Largest City

TOTAL CAPACITY

56 MW

- 8MW - TOR01A
- 24MW - TOR01B
- 24MW - TOR01C

TOTAL CAMPUS CAPACITY

56 MW

TOTAL CAMPUS SIZE

19 ACRES
Scale Swiftly with Committed Power in Canada’s Fastest Growing Cloud Hub.

Strategically positioned with secure access to power and robust connectivity, the TOR01 Campus is just seven miles from downtown Toronto’s 151 Front Street, the city’s largest carrier hotel and primary internet exchange point. The campus totals 56MW of committed power, backed by Toronto Hydro from three diverse substations, all sourcing power from 100% renewable energy sources. This custom-designed campus solution encompasses an already constructed 8MW single-story retrofit building, in addition to a future 48MW expansion, all strategically designed to accommodate AI workloads and ensure seamless scalability in a region marked by limited capacity.

Toronto, the fourth largest city in North America, is currently witnessing an impressive surge in data center demand, driven by hyperscalers, global corporations, and domestic organizations. This heightened demand is a testament to Toronto’s central location, robust economic landscape, and unwavering commitment to sustainability. Notably, it has resulted in a remarkable vacancy rate of only 4.5%, as reported by JLL, with a total of 54MW of capacity currently under construction in the region. STACK Toronto steps in to provide the much-needed 56MW of capacity and secure power, coupled with extensive construction expertise and a proven track record of delivering projects on schedule. This robust combination is the cornerstone of reliability and scalability within the digital infrastructure arena, reinforcing the significance of this market.

Right-Sized Capacity: Choose from POWERSTACK or HYPERSTACK deployment for maximum flexibility and control, built to accommodate AI workloads. With a total capacity of 56MW, including our initial 8MW data center and two additional 24MW phases, the next 24MWs are scheduled for delivery in 2Q26, providing you with a confident path to scalability.

Population Density: Home to nearly a quarter of Canada’s population and projected to grow by over 40% in the next 25 years.

Robust Hydroelectric and Zero-Carbon Power Infrastructure: With 100% renewable energy along with three substations serving the site at full build-out, there’s plenty of available redundant power to run your business.

Expansive Connectivity Ecosystem: Our TOR01 campus is located seven miles from 151 Front Street, Toronto’s major interconnection hub.

Low Latency: Toronto provides quick access to Canada’s biggest companies, along with connectivity to major Midwestern and East Coast markets.

STACK’s Dedication to Your Success: Our team of expert developers and partners will be there to help you from dirt to delivery. STACK provides innovators with optionality to meet growth targets.
STACK data centers are purpose-built to accommodate AI workloads, providing unparalleled flexibility, efficiency, scalability, and speed.

OPTIONS AVAILABLE

**HYPER STACK**

Built to scale.
Our AI-Ready HYPERSTACK design offers both scale and efficiency while invoking unparalleled flexibility to handle specialized high-density workloads, all to support seamless growth at any pace. STACK can also support a build-to-suit option to perfectly align with your infrastructure requirements.

**POWER STACK**

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**

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.

DATA CENTER CAMPUS / 3D EXPERIENCE
EXPLORE STACK’S CAPACITY IN NORTH AMERICA’S 4TH LARGEST CITY

TOR01 Campus / Toronto, Canada
Located seven miles from the city’s major interconnection hub, 151 Front Street.

CAPACITY
Total Campus Size & Capacity
- 19 acres (7.5 hectares)
- 56MW Total Campus Capacity
Facility Size & Capacity
TOR01A
- 4MW READYSTACK (1x4MW DH)
- 4MW POWERSTACK (1x4MW DH)
- 89,300 sq.ft (8,296 sq. m.)
TOR01B
- 24MW HYPERSTACK (4x6MW DH)
- 216,916 sq. ft. (20,152 sq. m.)
TOR01C
- 24MW HYPERSTACK (4x6MW DH)
- 212,118 sq. ft. (19,706 sq. m.)

POWER & RELIABILITY
Toronto Hydro
- 3 Diverse Substations
Electrical Redundancy (Generators / UPS)
- N+1 Redundancy
Fuel Storage
- Minimum 24 hours of operation
UPS
- N+1 UPS configuration
PDU
- Client-dedicated PDU distribution
BMS Controls
- Client access to BMS portal

LOW-COST, FLEXIBLE COOLING & EFFICIENCY
Cooling
- N+1 345-ton (1200kW) air-cooled chillers per lineup with VSD and quick restart
Density
- Deployments supported in excess of 8kW per cabinet

CONNECTIVITY
Diversity
- 2 Meet-Me-Rooms with diverse fiber entrances per data center
Carrier Availability
- Carrier Neutral

SUSTAINABILITY
- Power Grid - largely zero-carbon grid mix
- Renewable - campus served by 100% renewable energy
STACK’s AI-ready, purpose-built design leverages proven engineering and construction for a simple, flexible, and operable solution that supports ever-changing AI workloads.

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
- Located in a TRCA-designated area of minimal flood hazard

AMENITIES

**Work Space**
- Conference and break rooms
- Complimentary WiFi
- Shared and dedicated office space

**Storage**
- Shared and private storage/staging

**Client Conveniences**
- Electric Vehicle (EV) charging stations
- Showers
- Bicycle storage
- Multi-bay secure loading dock

CERTIFICATIONS SUPPORTED

STACK provides digital infrastructure to scale the world’s most innovative companies. With a client-first approach, STACK delivers a comprehensive suite of campus, build-to-suit, colocation, and powered shell solutions in the Americas, EMEA and APAC regions. With robust existing and flexible expansion capacity in the leading availability zones, STACK offers the scale and geographic reach that rapidly growing hyperscale and enterprise companies need.

The world runs on data. And data runs on STACK.