TORO1/CAMPUS

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

TOTAL CAPACITY
56MW
8MW - TOR01A
24MW - TOR01B
24MW - TOR01C

TOTAL CAMPUS CAPACITY
56MW

TOTAL CAMPUS SIZE
19ACRES

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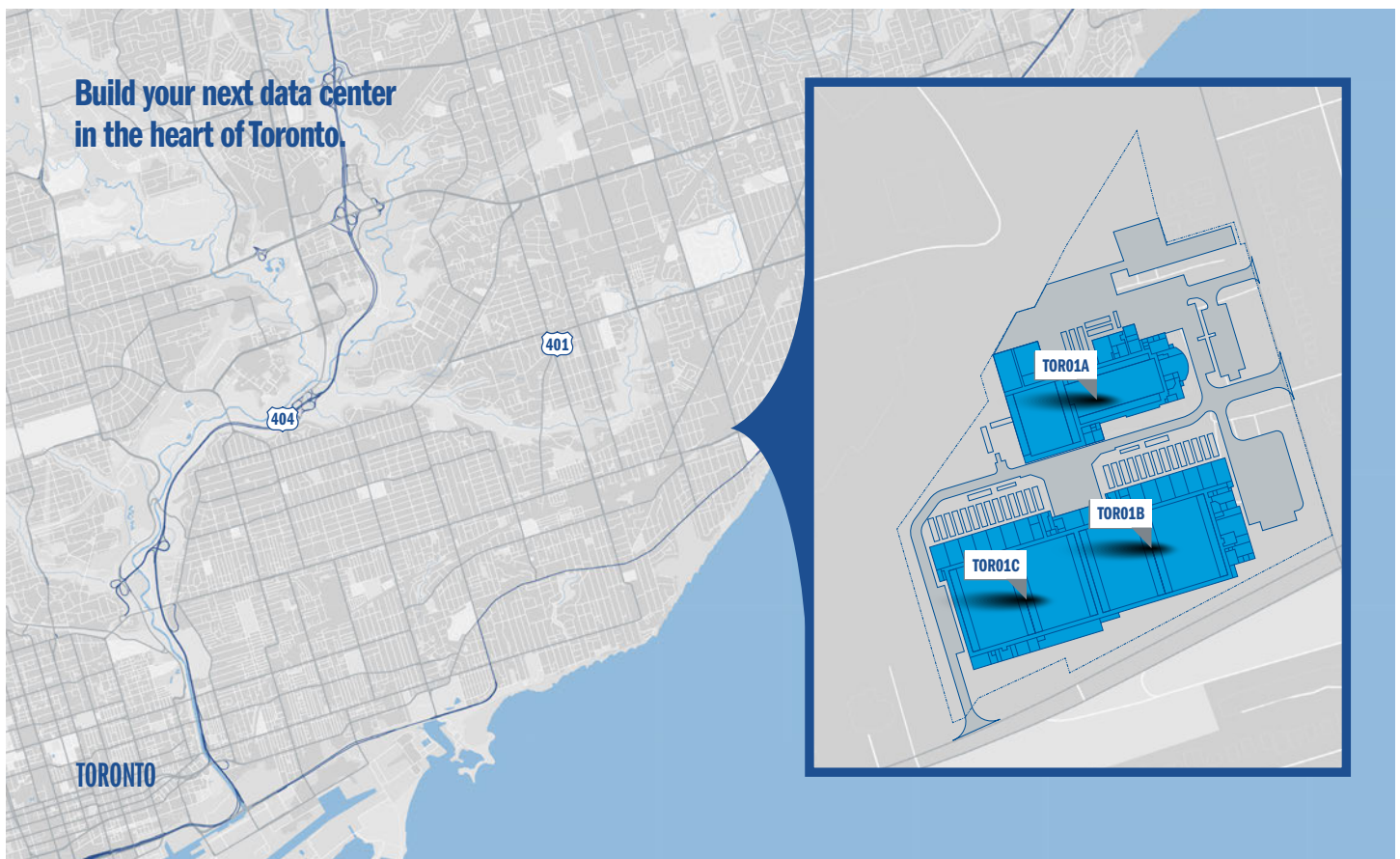
Population Density: Home to nearly a quarter of Canada's population and projected to grow by over 40% in the next 25 years.

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.

Build your next data center in the heart of Toronto.

TORONTO

TOR01A

TOR01B

TOR01C

STACK
INFRASTRUCTURE

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.
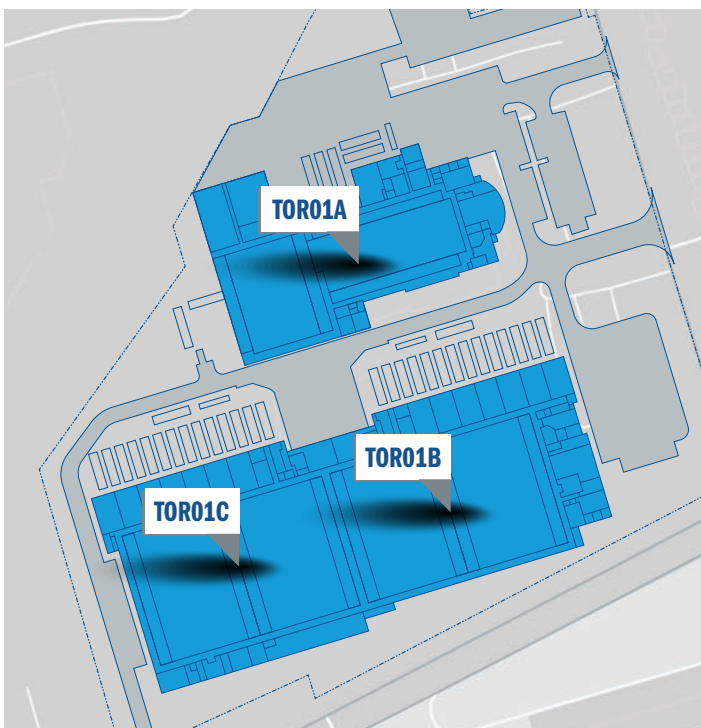
POWER STACK

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.

TOR01A

TOR01B

TOR01C

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

Located seven miles from the city's major interconnection hub, 151 Front Street.

NETWORKS
- Bai
- Crown Castle
- Husdon
- Lumen
- Telia
- Zayo

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 INFRASTRUCTURE

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.