STACK
INFRASTRUCTURE

TOR01 | TORONTO CAMPUS
Featuring Committed Power and Advanced Cooling Solutions
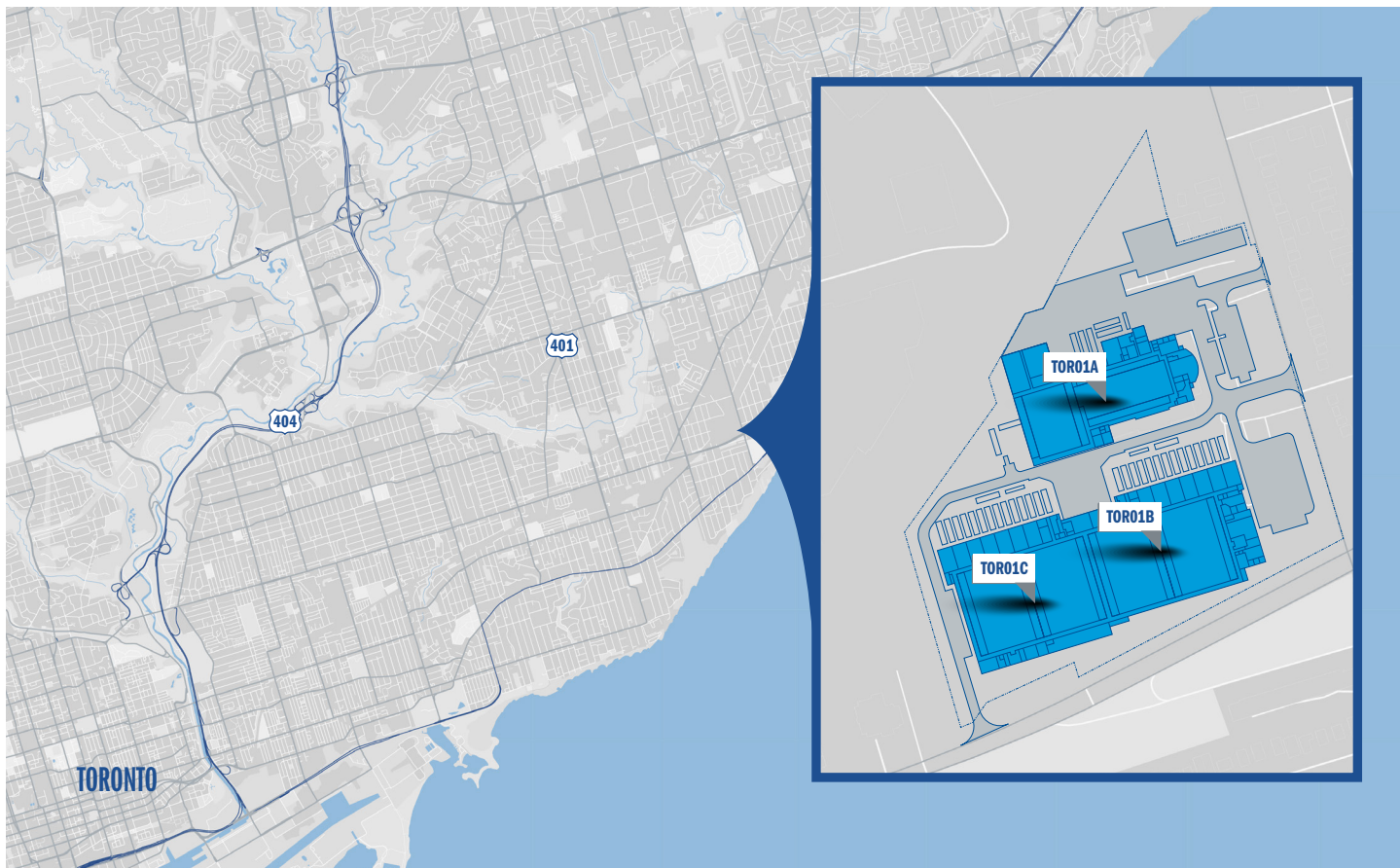
TOTAL CAPACITY
56MW

TOTAL CAMPUS SIZE
19ACRES

GENERAL OVERVIEW

STACK's TOR01 campus in Toronto offers 56MW featuring committed power and is strategically located minutes from downtown Toronto and Canada's largest carrier hotel, 151 Front Street. The site is backed by 100% renewable power from three diverse substations, ensuring redundant, zero-carbon energy for seamless operations. Designed for scalability, the campus includes an 8MW data center and two additional 24MW expansions and is backed by contracted power from Toronto Hydro. Positioned in one of North America's fastest-growing cloud hubs, Toronto provides seamless connectivity to Canada's largest enterprises and major U.S. markets.

Committed and Scalable Capacity: 56MW of total capacity, including an initial 8MW data center and two 24MW expansion phases offering flexible deployment options..

Strategic Toronto Location: Toronto, North America's fourth-largest city, is home to a diverse economy of top AI innovators, cloud providers, and enterprises.

Expansive Connectivity: Located just minutes from 151 Front Street, Canada's largest interconnection hub, ensuring seamless access to global networks.

Sustainable Growth: 100% renewable energy from three substations, ensuring reliable and redundant power.

STACK INFRASTRUCTURE

Facility Overview

- 56MW Total Campus Capacity
  - TOR01A: 8MW
  - TOR01B: 24MW
  - TOR01C: 24MW
- 19 Acres (7.5 Hectares)
- 592,000 SQ. FT.
- Supports both shell and turnkey deployments

Power & Reliability

- Dual utility feeds with standard N and optional N+1 block redundancy (generators/UPS)
- Minimum 24-hour fuel storage for continuous operation
- Client-dedicated PDU distribution with BMS portal access
- 3 Diverse Substations from Toronto Hydro
- 100% Renewable Energy

High-Density Flexibility

- Proprietary design can support multiple cooling deployments, including liquid to chip
- Closed-loop water cooling systems provide optimal cooling for high-density workloads
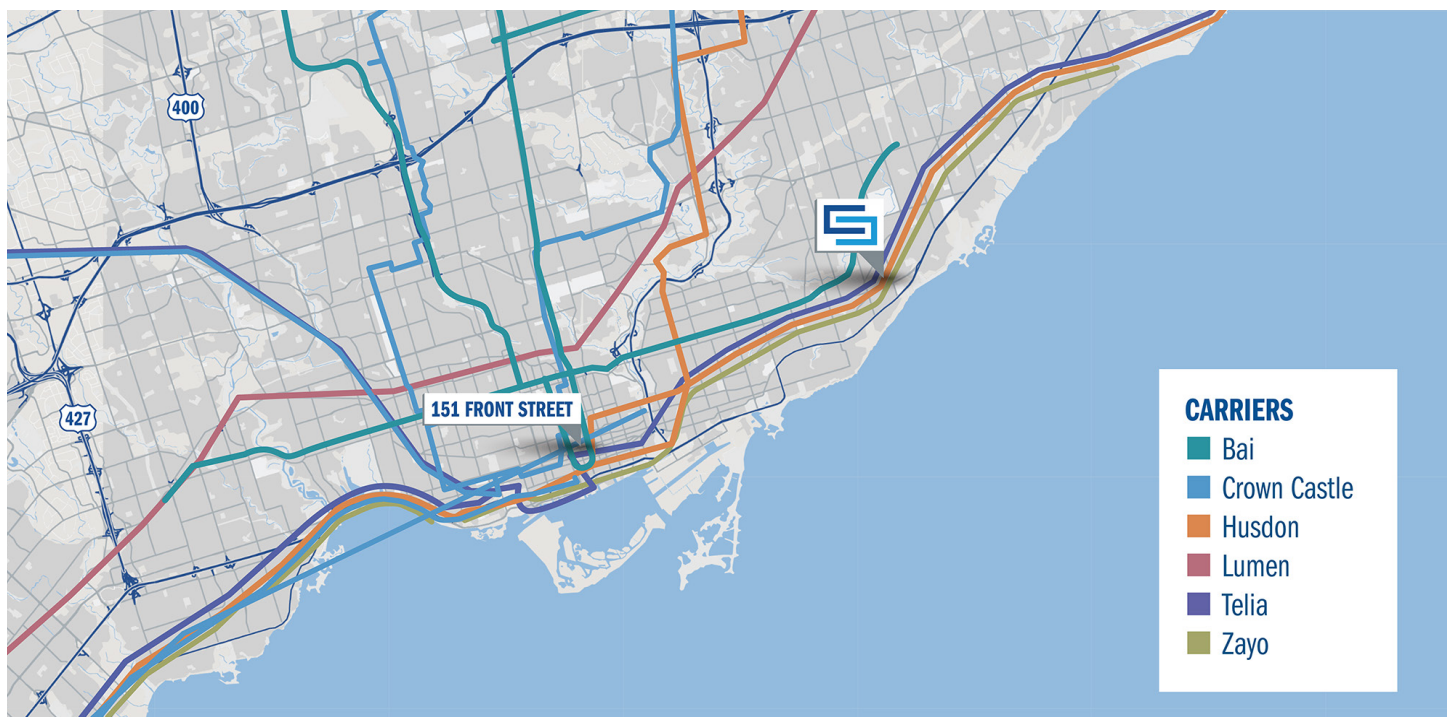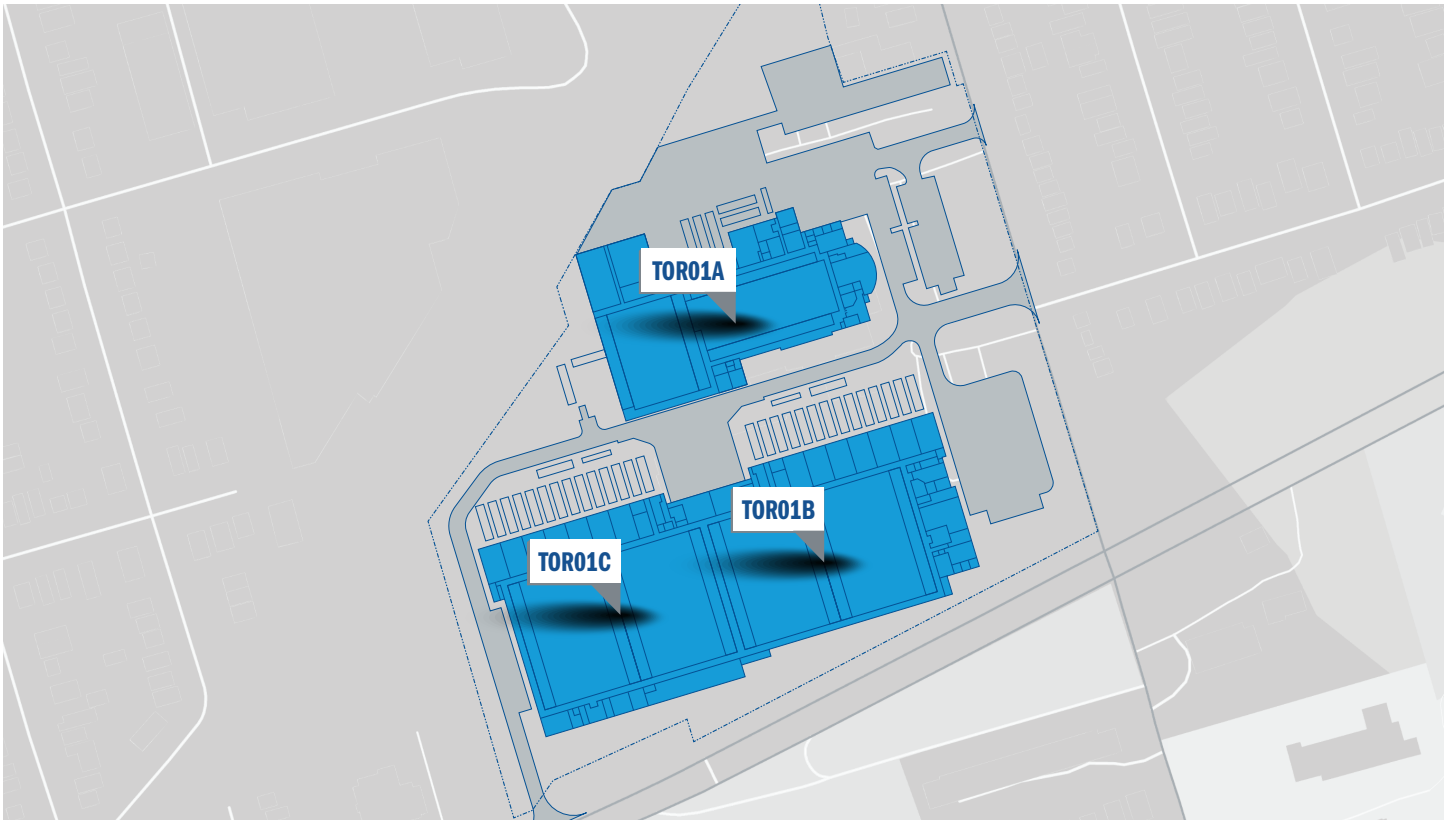- Future-proof design for high-density AI workloads

Fire Protection

- Dual smoke detection including VESDA
- Dual-interlock pre-action sprinkler system
- Located in a TRCA-designated area of minimal flood hazard

Security

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

Amenities

- Conference rooms, complimentary WiFi, and shared office space
- Bicycle storage, showers, and secure multi-bay loading dock
- Dedicated storage and staging areas

Connectivity

- 2 Main Distribution Frames (MDFs) with diverse fiber entrances for redundancy

Certifications Supported

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

400

427

151 FRONT STREET

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

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.