MONTREAL DATA CENTER (QC6) OVERVIEW

Canada's Prime Data Center Location

FEATURES

- Located on an 8-acre site
- One data center
- 428W/SF average density
- Class A building amenities including office, conference rooms, break rooms and more

AMENITIES

- Customizable office and workspaces
- Secure storage with easy access between data modules
- Multiple conference rooms and meeting spaces throughout the data center
- Proximity to Montreal's main buisness district
- Near the Dorval's Pierre-Elliott Trudeau Airport with direct access to Highway 40

POWER

- N+1 electrical redundancy
- Nearly 100 percent hydroelectric power, creating very little greenhouse gas and no harmful waste
- Dedicated 45MW substation on campus with a direct private connection to Hydro-Quebec
- All systems concurrently maintainable

COOLING

- N+2 component-level redundancy across mechanical systems
- Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers; outside air economization is leveraged up to 80 percent of the year
- Water Utilization Efficiency (WUE) will be near zero (liters/kW/hr) using the latest cooling design

CONNECTIVITY

- Four Meet-Me-Rooms (MMRs) will allow for diverse paths and multiple connectivity options
- Four points-of-entry (POEs) will ensure maximum path diversity for inbound carriers
- Diverse fiber pathways into the facility (minimum 2 paths per carrier)

SECURITY

- On-site security operations center with patrols 24x7x365
- Crash-rated gate and anti-climb fencing
- Perimeter intrusion detection system
- CCTV on all access control points throughout the entire campus
- Dual authentication for customer and critical infrastructure areas
- Visitor management system with controlled and monitored access points and stringent access control policy

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