

Data Center For Lease

KANSAS CITY DATA CENTER

11155 North Airworld Drive | Kansas City, MO 64153

Lincoln

18.8 MW
Immediately Available
Expandable To 78.8 MW

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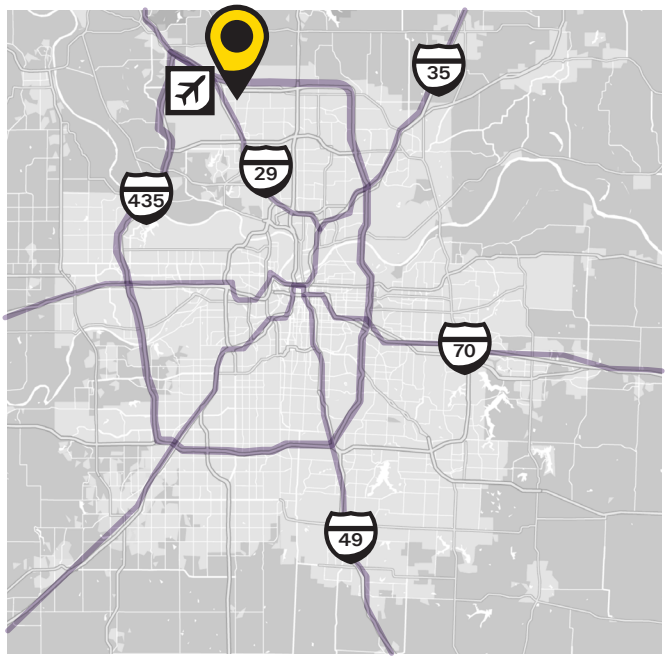
Ideally situated data center is available for lease and features concurrently maintainable infrastructure

259,111 square feet across two separate buildings
Engineered to support flexible data hall configurations and varying density requirements, the initial phases are poised to deliver 18.8 MW of leasable power immediately from the available 26.6 MW of utility power.

Future expansion of 60MW is feasible with a designated on-site substation over the next 30 months.

Ideal, Kansas City Location



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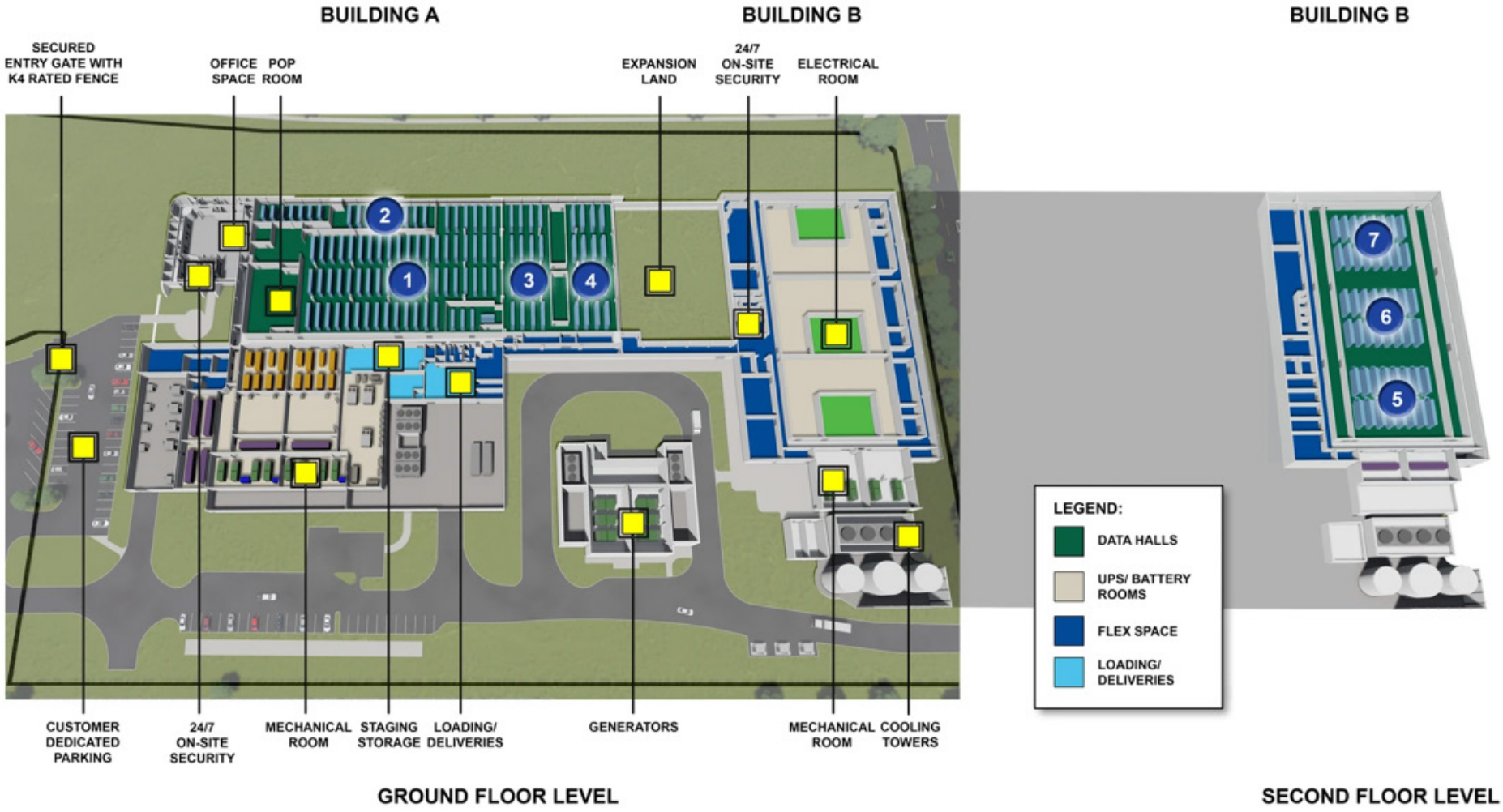
Campus Features



- State, Municipal & Energy Incentives Available
- Dedicated Infrastructure & Build-to-Suit Available

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Building Specs

11155 North Airworld Drive | Kansas City, MO

Power

- Three (3) 25KV power feeds from diverse substations with switched configuration between each respective substation that power the facility
- 25kV Diverse Utility Feeds from 2 Separate Substations
- Automatic Throw Over Switches (ATOs) automatically transfer between substation feeds
- No call to run for generators since ATOs were installed in 2014
- Building B is supported by two 7,500kVA main transformers (25kV/4,160V) with 5 secondary unit substations 3,000kVA transformers (4,160V/480V)

Electrical

- The electrical system is designed in iso-redundant or distributed redundant configuration.
- Each block is designed to provide 2 MW of Usable IT capacity.
- The system includes but is not limited to the Utility System, Generator System, the main distribution board, UPS System, transformation to 415V, and UPS output board.
- The system shall be concurrently maintainable and shall contain no single points of failure.
- Each primary system is designed to support 2000kW of critical I.T. load.
- A single generator will support each system.
- Each engine-generator shall consist of 3,333kVA.
- Fuel oil tanks double wall, 48-hour continuous operation at 100 percent rated power output

Security

- Badge Readers:
  - Building B: Symmetry Access Control System
- Cameras: 2022 project to upgrade the camera system
- K4 Security Fence surrounds facility with automatic sliding gates and vehicle wedge barriers
- 24 × 7 Staffing of Security Personnel

Mechanical

- Building A is cooled by (4) 500 ton (Trane) centrifugal chillers.
- Building B is cooled by (4) York chillers at 2400 tons total.
- Thermal chilled water storage consists of 114,000 gallons in building A and 110,000 gallons
- Building B has 205,000 gallons of underground water storage on site.
- Ten (10) 500-ton ACC to be provided for the traditional lineups and Thirty-Six (36) 600-ton ACC to be provided.
- The cooling units will be concurrently maintainable with CCC 250kW & fan walls 550kW airside delivery to maintain 23.5F Delta T at rack level.

Fire Protection

- **Building B:**
  - Simplex Grinnell Fire Alarm System
  - Sprinkler System has 13 Pre-action zones, 2 Dry zones, and 5 Wet Zones

Architectural/Structural Information

- **Building B**
  - 2 Story 149,000 ft2 Building built in 2009
  - Precast Concrete Construction
  - 26,000 ft2 of 36" Raised Floor
  - Membrane Roof with Concrete Ballast 200 mph wind rating

UPS

- The system is designed to accommodate two UPS modules sized at 1,100kW UPSs for a total of 2,000 kW output capacity.
- The system is designed to support Nickel Zinc batteries and provide 5 minutes of battery- backup at the end of life.
- Two existing parallel redundant UPS's systems are currently installed. Each UPS system is located in dedicated switchgear rooms



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Timeline





18.8 MW of Critical Power Secured from Evergy
Immediately Available
Expandable To 78.8 MW

6MW	+12.8MW	+30MW	+30MW
<6 months	**<12 months**	**<24 months**	**<36 months**
6MW Total	18.8MW Total	48.8MW Total	78.8MW Total

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