

Council Bluffs I

CyrusOne Data Centers
4700 Gifford Rd.
Council Bluffs IA
51501

Strategically located in Council Bluffs, Iowa, CyrusOne's newest data center will be 216,000 square foot and contain 120,000 square foot of raised floor/white space at full build out. The facility is purpose-built, offering industry leading efficiencies, the latest cooling technology, uniquely low PUE's and multilayer security.

Council Bluffs will join CyrusOne's nearly 50 data centers and will provide customers with unparalleled access to high bandwidth with close proximity to some of the world's largest cloud companies empowering enterprise customers in their Hybrid Cloud journey with low-latency cloud connectivity.



Overview

- Building One- 60,000 Square Feet Raised Floor (Two 30,000 Square Foot Data Halls)
- Campus will be 217,000 Square Feet.
- ISO/IEC 27001, PCI DSS, HIPAA/HITECH, FISMA-High, SSAE 18 (SOC 1 Type II), Type 2 AT 101/SOC 2, HITRUST, FFIEC, CSA STAR, Business Continuity and Disaster Recovery (BCDR), and TRUSTe compliant.
- Designed to meet TIA 942 Class 4 requirements for electrical and mechanical
- Carrier-neutral
- 100% Uptime

Power

- Utility capacity – 18 MW
- Utility Voltage – 13,200 (13.2 kV)
- # of transformers on site – 17 Transformers (16 each @ 2.5 MW, 1 each @ 1.5 MW)
- UPS configuration & capacity – Distributed Redundant, with 4,500 kVA blocks (6 MW)
- Generator Power – 16 each 2.25 MW Diesel (Critical), 1 each 1.25 MW Diesel (House)
- Electrical capacity allowed per cabinet – 150 to 180 watts p/SF (average density)

Cooling

- 3W Critical IT Day-1
- (4) 500-Ton chillers with CRAH units supporting each data hall
- Roof Top Units will provide dehumidification

Security

- Reinforced precast concrete structure surrounding critical Data Halls
- On-site security guards
- Key card and biometric access control, secure access turnstile, surveillance cameras

Building

- Single story, single data hall building that can support up to 9MW of critical IT infrastructure
- The building construction is Precast Concrete with a steel support structure
- One loading dock with space for customer office and storage

Connectivity

- Carrier Neutral and part of the CyrusOne IX Exchange

Energy Efficiency

- Ultra Low PUE through the use of a closed loop chilled water system

Fire Detection and Suppression

- VESDA with fully sprinklered, double interlocking system (use similar verbiage as other C1 data halls)

Certification/ Audit Compliance Accreditations

Through disciplined assessment and audit processes, CyrusOne has implemented comprehensive practices for:

- ISO/IEC 27001
- HIPAA/HITECH
- SOC 1 (SSAE)
- HITRUST
- CSA STAR
- Business Continuity Management System (BCDR) TRUSTe
- PCI DSS
- FISMA-High
- SOC 2 (SSAE)
- FFIEC
- ISO 22301

Site Plan

