

SDC Columbia

Low-Cost Power & Room to Scale

Central Washington's premier
data center campus along
the Columbia



sabeydatacenters.com





70MW
Critical Capacity

438,000
SF of Mission
Critical Space

22'
Ceiling
Height*

<5¢/kWh



1.2
Average
Annualized
PUE



Seismically
Stable
Area



Dry & Cool Climate
Free Cooling Most of the Year



9
Major
Carriers

*22' represents floor to absolute ceiling. Most data halls offer
14'/flexible floor to drop ceiling with ~8' of plenum above.



Harnessing Hydro for Low-Cost Power



Optimized Liquid & Air Cooled

Due to the dry and mild climate in Central Washington, SDC Columbia utilizes “free cooling” most of the year. What’s more, we can accommodate liquid cooling solutions for high-density deployments.

Scalability & Expansion

SDC Columbia is an expanding campus. We are designing and planning construction for Building E, which will add 18MW of critical capacity to the campus. Building E will be built to meet high-density deployments and the latest innovations in cooling infrastructure. Additionally, Columbia will be poised to grow even more after the development of Building E, providing room for your deployment to scale.

Location & Function

Columbia is ideally located away from any major seismic zones or areas of volatile weather events, but still close to major hubs like Seattle and Hillsboro. This makes it an ideal candidate for a disaster recovery location or where you deploy your LLM training servers.

Efficiency Focused

With purpose-built precision, operational excellence and cooling assistance from the climate itself, SDC Columbia is exceptionally energy efficient. We utilize patented Mobile Commissioning Units to ensure the efficiency of cooling operations in every data hall.

Tailored for Your Workload

Rack Density & Liquid Cooling Capability

- New build outs will be able to house any rack density
- GPU farm/HPC enabled
- Liquid cooling build-out options
- Hyper efficient air-cooling options

Flexible Design

- Flexible, modular design accommodating a range of data floor configurations
- Ample space and energy, future proofing for expansion and allowing scalability
- Built-to-suit available
- Data halls offer a 21'-22' floor to ceiling height, with a typical drop ceiling height of 14' with an 8' plenum providing plenty of vertical room for your equipment.
- Private suites available

Power

- 70MW of aggregate power delivered to campus
- Fully Redundant substation transformers and transmissions lines
- Redundant electrical and mechanical systems
- Backup generators for emergency or maintenance events

- Tier 3 concurrent maintainability

Cooling

- Evaporative and economizer cooling
- Efficient, state of the art chiller plant
- Chilled water loop ready for air or liquid cooling
- Hot aisle / cold aisle containment systems
- Patented "Mobile Commissioning Units" – exclusive to Sabey – for accurate commissioning of air flow as well as electrical load

Connectivity

- Multiple campus fiber entries and redundant pathways
- On-site carrier-class Meet-Me-Rooms

Security

- Security personnel on site 24/7
- Perimeter security including setbacks, berms and fencing
- Secure access checkpoints at every door
- CCTV cameras positioned throughout the campus
- Mantraps located at each building entrance

- Biometric locks on outside doors
- Ballistic-rated building access points

Critical Environment Management

- Critical environment monitoring 24/7
- 24/7 onsite facilities staff
- State of the art control and monitoring systems
- Mission critical responsiveness to changes in the data center environment
- Online customer portal to access real time reporting
- Fire detection systems installed above and below racks

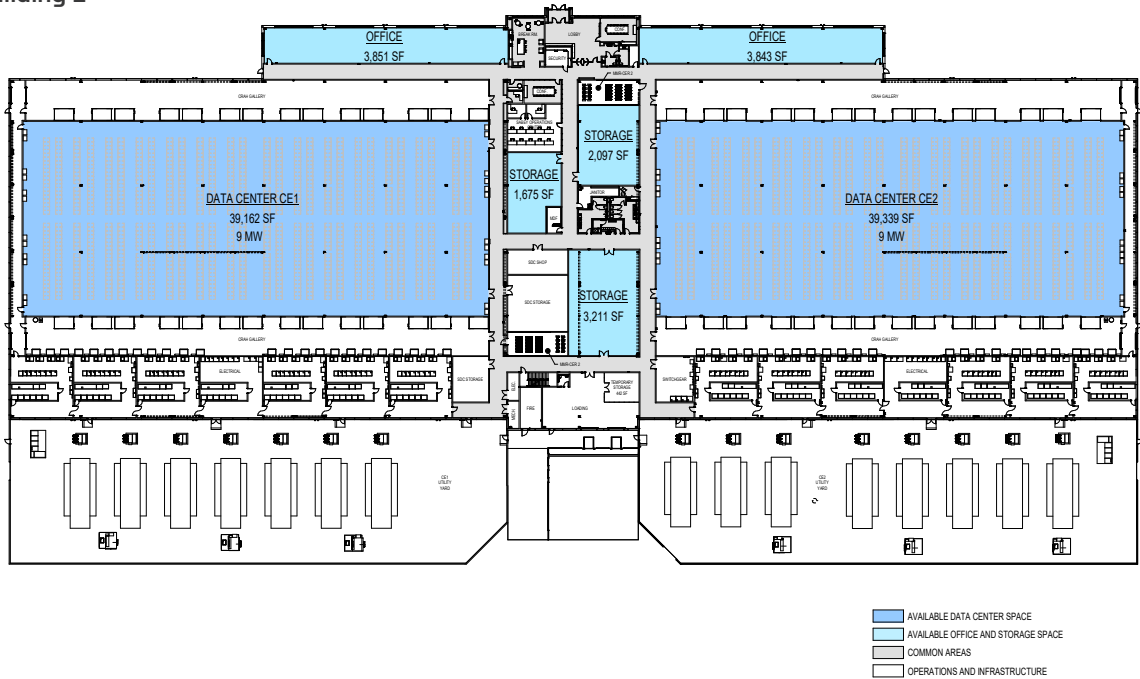
Other Features

- Dock high & grade level loading docks
- Multiple conference rooms available to reserve or use on ad-hoc basis
- Restrooms with showers and lockers
- Dedicated, secure equipment yards
- Attractive dedicated entrances and signage potential
- Dedicated office and storage space available
- Sunshades enhance comfort and natural light

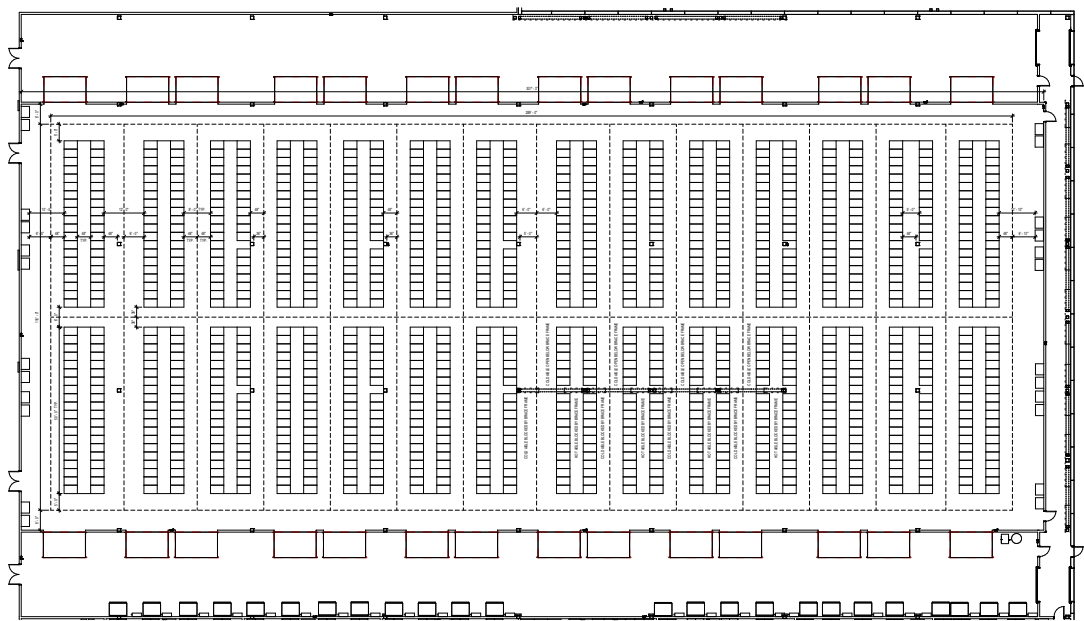


Floorplans

Building E



CE2 Data Hall - Preliminary Floor Plan



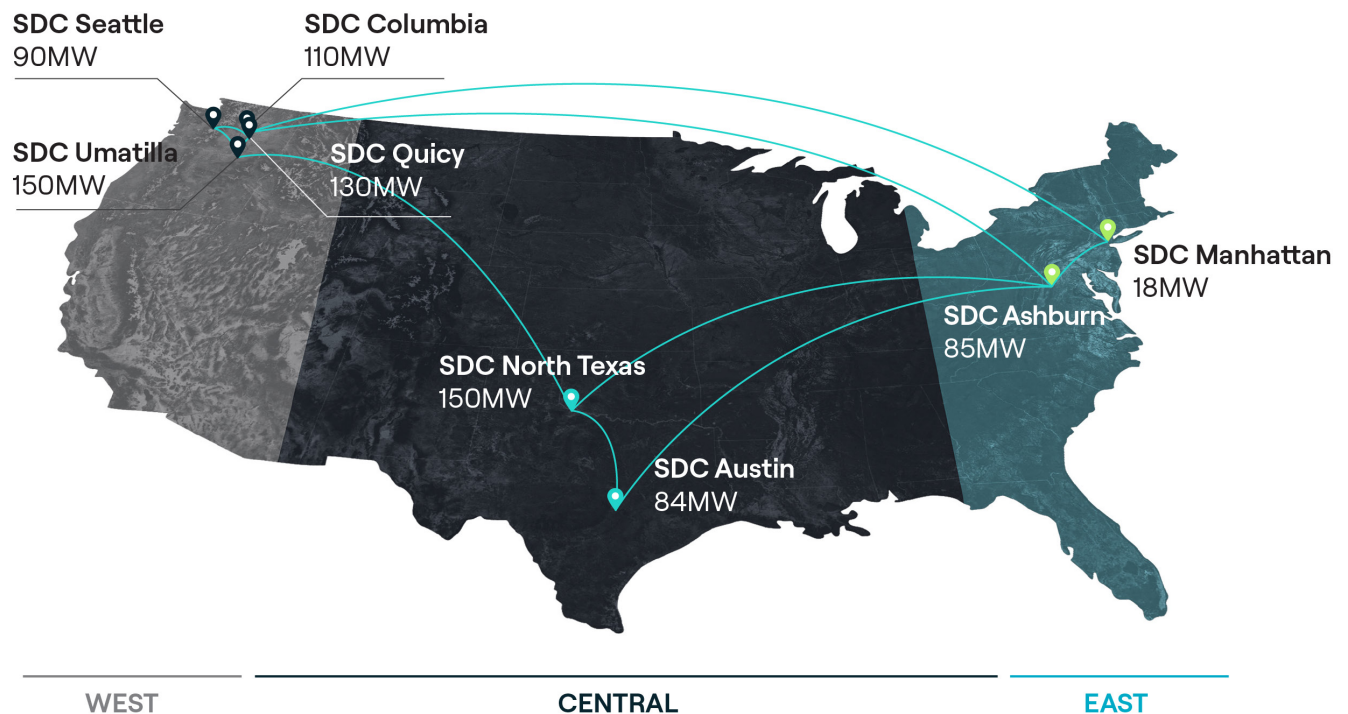
Connecting You to the Pacific Northwest & Beyond

Our East Wenatchee data center is a carrier-neutral facility which allows interconnection between multiple telecommunication carriers for both local metro and long-haul networks.

SDC Columbia offers dual campus fiber entries and redundant pathways with onsite carrier-class Meet-Me-Rooms.

Available networks include:

- AT&T
- Douglas County PUD
- Intermountain Infrastructure Group
- Lumen
- Spectrum/Charter
- Verizon
- Zayo
- Ziplly Fiber





Better for the Planet, Better for Business

Our Commitment to Sustainability

Sabey Data Centers has pioneered sustainability within the data center industry with a focus on whole-building energy efficiency, which preserves our natural resources, reduces emissions and ultimately boosts our customers' bottom lines.

We envision science-based, portfolio-wide operations powered by carbon-free renewable energy at scale. Toward that end, we've pledged to make our entire real estate portfolio net-zero carbon by 2029.

Clean Hydropower & Maximized Energy Efficiency

A key component of our data center site selection has always been the availability of clean and renewable energy sources. This is, in part, what made East Wenatchee and Quincy, WA so attractive for development. Our Central Washington data centers utilize clean, renewable energy produced by dams along the Columbia River, including the Grand Coulee dam.

As these data centers were purpose-built and are in a location where the weather is perfect for "free cooling" 90% of the year, we've also been able to maximize our energy efficiency

on both campuses. SDC Columbia and SDC Quincy are awarded with the highest ENERGY STAR ratings year over year, due to our commitment to energy efficiency.

Our Columbia campus also uses its wastewater as irrigation for landscaping.

Partners & Certifications

To meet our sustainability goals, we've been recognized by and work with several leading organizations and initiatives, including:



Read more about our efforts at
sabeydatacenters.com/sustainability



Your Mission, Our Support

When one of your team members is not available to make a repair or perform routine maintenance on your equipment, Sabey Remote Hands is standing by to assist.

Our onsite experts know your deployment as well as you do and are available on-demand, around the clock to fine-tune equipment, audit cabling and racks, or even address those urgent one-offs that require immediate attention.

Maintenance & Repairs

- Loopback testing
- Device resets
- Storage media swaps
- Hardware and software troubleshooting
- Equipment replacement
- Circuit migrations

Cabling & Rack Audits

- Cable testing
- Patch cable installation
- Patch cable tracing
- Deployment audits
- Space and equipment photographing
- Device labeling

Other services & benefits

- Short- and long-term material storage
- Receiving services and escorted access for vendors and consultants
- Services performed to EIA/TIA standards
- Prompt updates until your issue is resolved
- Flexible terms, including hourly rates and monthly plans



The Sabey Difference

For over twenty years, Sabey has been designing, constructing and operating world-class data centers. Our vertically integrated model allows us to streamline the process of bringing our campuses and your data centers to life. With a combined portfolio of over 3.5 million square feet of mission critical space across the country, we're one of the largest privately-owned data center operators in North America.

At Sabey, we operate by our core values, especially "building lifelong relationships." This means always doing what is right by our customers, our partners and our communities. No matter what the requirements of your deployment, you can rest assured that our team will take care of you, from design to construction to daily operation.





Prelease Megawatts Today

Secure Data Center Space Now

It's never too early to start looking for a data center that'll fit the needs of your next deployment. We have several build-ings and campuses planned to come online in the coming months and years.

	Available Now	Under Construction
SDC Ashburn	-	54MW
SDC Austin	-	54MW
SDC Columbia	-	18MW
SDC Manhattan	770kW	-
SDC Quincy	700kW	-
SDC Seattle	830kW	6MW
SDC Umatilla	-	144MW
SDC North Texas	-	200MW



Contact Us Here

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