PRIME
DATA CENTERS

New federal tax program specific to Prime's campus enables customers to save 30-40% on all IT & Infrastructure Investments

2407 AK Street

Building One	Secured Campus	100+MW Green Power
8MW Critical	38 Acres	McClellan Park, CA

www.primedatacenters.com

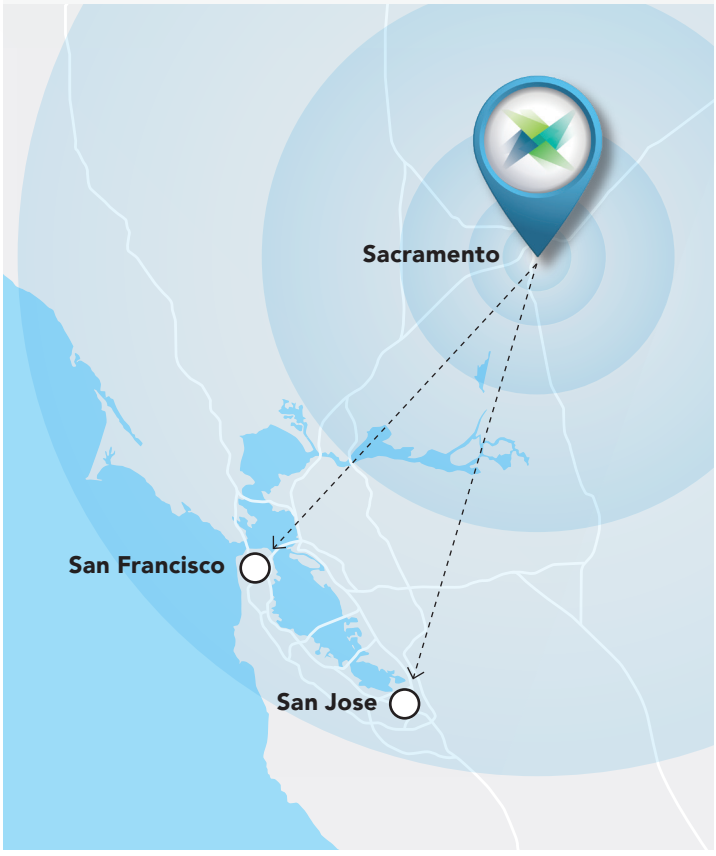
About

2407 AK Street

Prime's data center campus is located on 32 acres at McClellan Business Park, Sacramento, which was named one of the Top-Ranked Tech Talent Markets and Tied 1st in the nation for Women-Founded Business. As capital of the largest economy in the nation, with a population of over 2.5m, Sacramento provides the perfect combination of robust infrastructure and connectivity. The campus offers true redundancy, well outside high risk earthquake zones and in Sacramento itself, it is the only data center location above the 500 year flood plain.

Sub 3ms latency to the Bay

- Less than 90 minute drive from the Bay Area with all of the amenities of a major metropolitan area.
- Proximity to the Bay Area is ideal for data mirroring and back up functions.
- Complete geologic separation from earthquake and above the 500 yr flood plain.



Specifications Building 1

UTILITY	50MVA dedicated onsite substation expandable to 150MVA, fed from 3 separate bulk substations
UPS	N, N+1 & 2N configuration
PDU	N+1 or 2N PDU distribution
GENERATORS	N+1 at full building load
PUE	<1.2 – Design Day
DENSITY	up to 35 kW+ per rack
FUEL STORAGE	48 hours at full load; multiple <4 hour refueling contracts
BMS CONTROLS	Fully integrated monitoring
MECHANICAL	High-efficiency economized cooling N+1
FIRE DETECTION	VESDA – Zone configured
FIRE SUPPRESSION	Dual-interlock pre-action sprinkler system
SECURITY	PTZ and motion detection camera system coverage with a min 90-day retention; Mantrap entry with anti-tailgating security system; Multi-factor authentication and biometric access and K-rated perimeter fencing

Modern & Fast

Ideal Replication Site & Carrier Neutral

Ideal Replication Site

Disaster Recovery and Backup best practices mandate enough distance to insulate from major events, but close enough for efficient data replication. Sacramento is 88 miles from the Bay Area, a simple drive to continue operations.

Cloud Connectivity & Choice

At Prime, we know not all data belongs exclusively in the cloud. We have robust connectivity with near term access to all the major providers, giving you end to end private to public cloud connections.

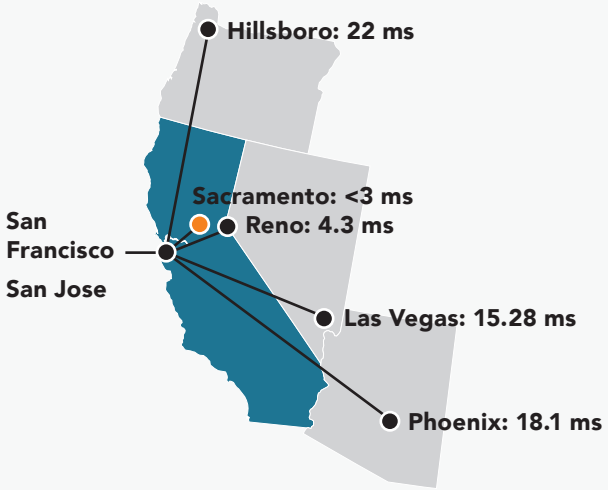
amazon web services™ · ORACLE CLOUD · IBM Cloud · Microsoft Azure · Google Cloud Platform · Alibaba Cloud

Carrier Neutral

The greater Sacramento region is home to over 2.5 million people and is the Capital of the largest economy in the U.S. Carrier neutral with multiple redundant fiber feeds from several Tier 1 carriers - Prime ensures you have choice.

Low Latency Network and Location

Replicating to/from Sacramento is the best option for your business based on proximity, connectivity and convenience.



Environmental

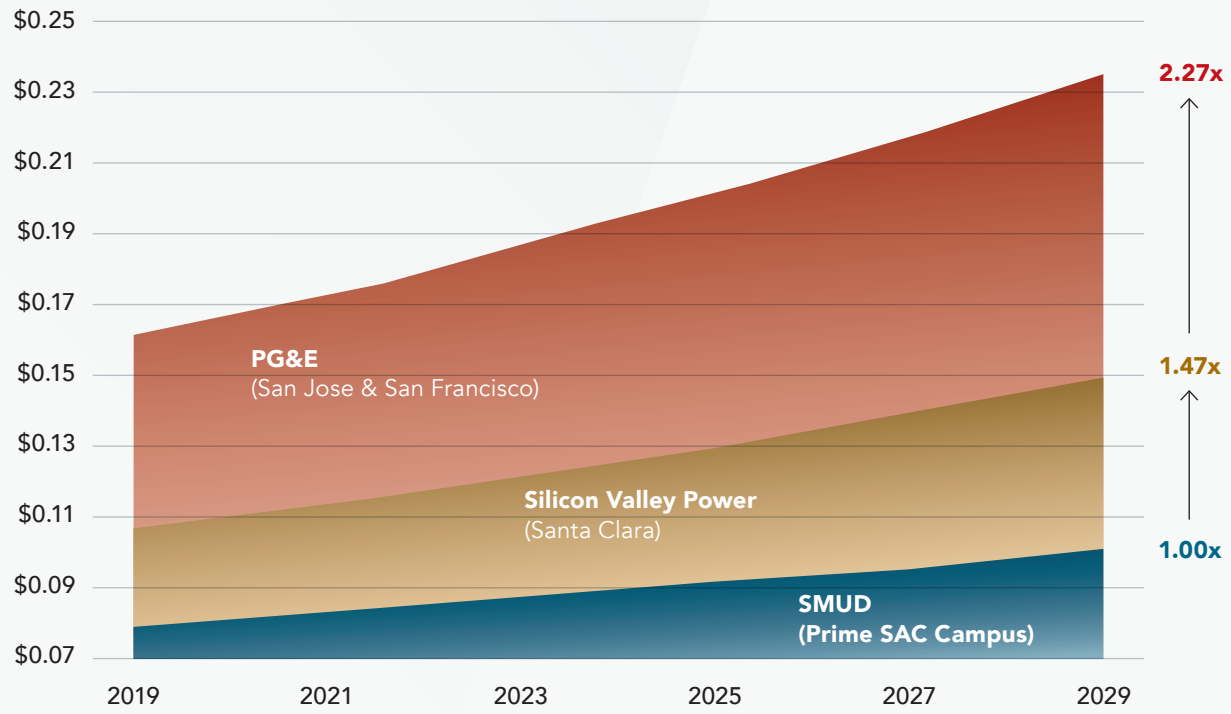
Low Cost & Green Power

Hydro

Solar

Wind

Cost of Power ($ Cents) based on 10 year estimate

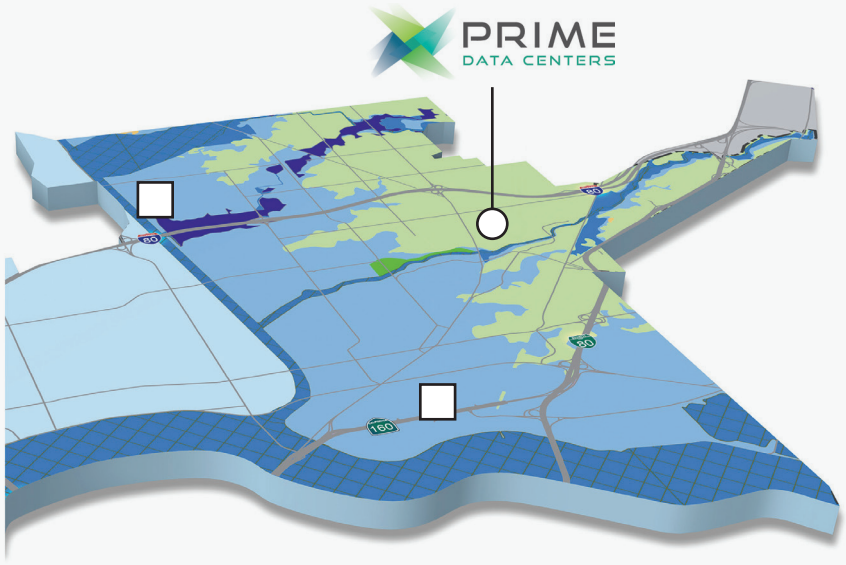


A 10 MW requirement can generate over $90M of power cost savings compared to San Jose and $32M compared to Santa Clara over 10 years. And as a Prime customer, you can get 100% of your power from green sources.

Reliability

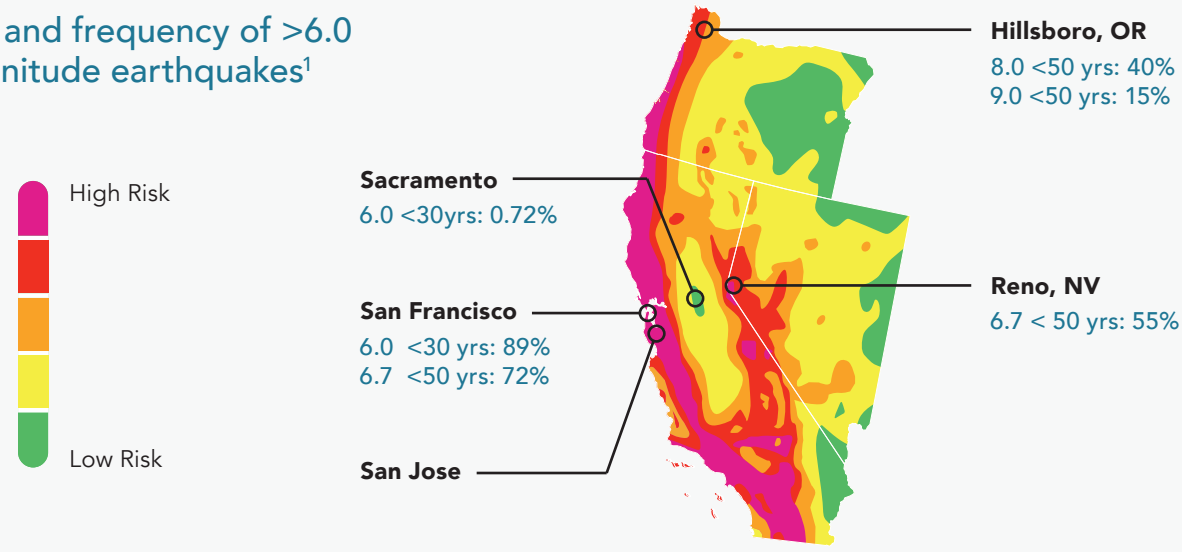
Safe and Stable Location

2407 AK Street is the only data center in Sacramento that is outside the 500-Year Floodplain.



And according to the USGS, there is a less than 0.78% probability of a 6.7 magnitude or higher earthquake over the next 50 years, whereas San Jose and San Francisco have a 56% and 32% chance, respectively, of a high magnitude earthquake in this period.

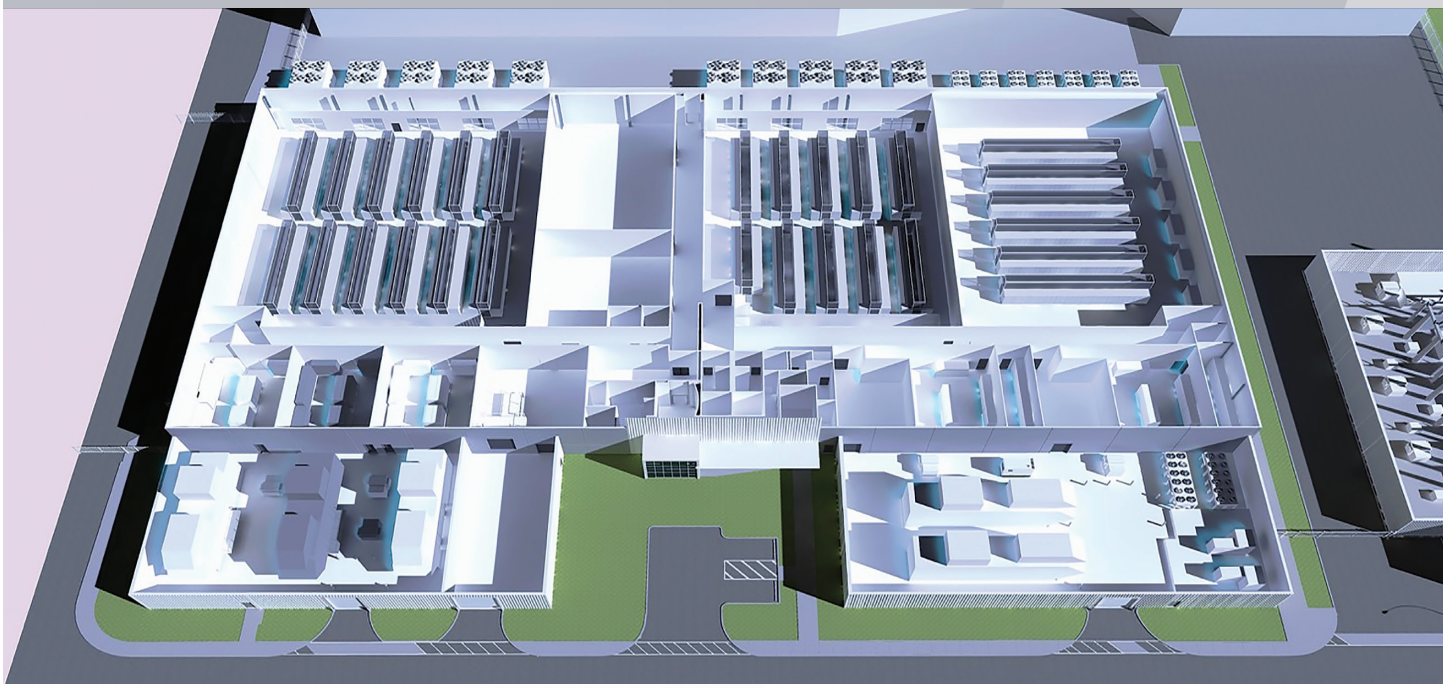
Risk and frequency of >6.0 magnitude earthquakes[1]



Specifications

Building One

The first building consists of 68,500 square feet and up to 8MW of N+1 critical power.



Data Hall 1

2MW (N+1) critical built and fully commissioned incl containment, busway for customer to install racks immediately.

Data Hall 2 & 3

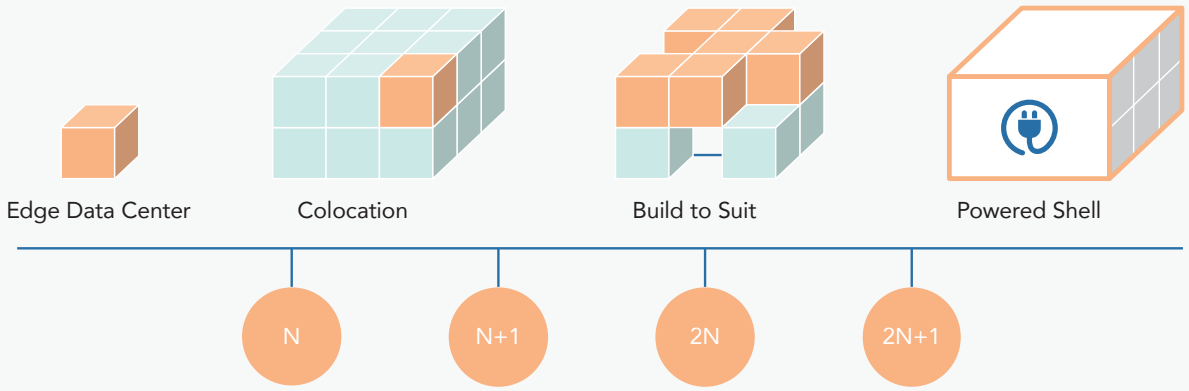
Whitespace for up to 6MW built including switchgear and generators - rapid deployment ready - only requiring installation of UPS, PDUs and Cooling units.

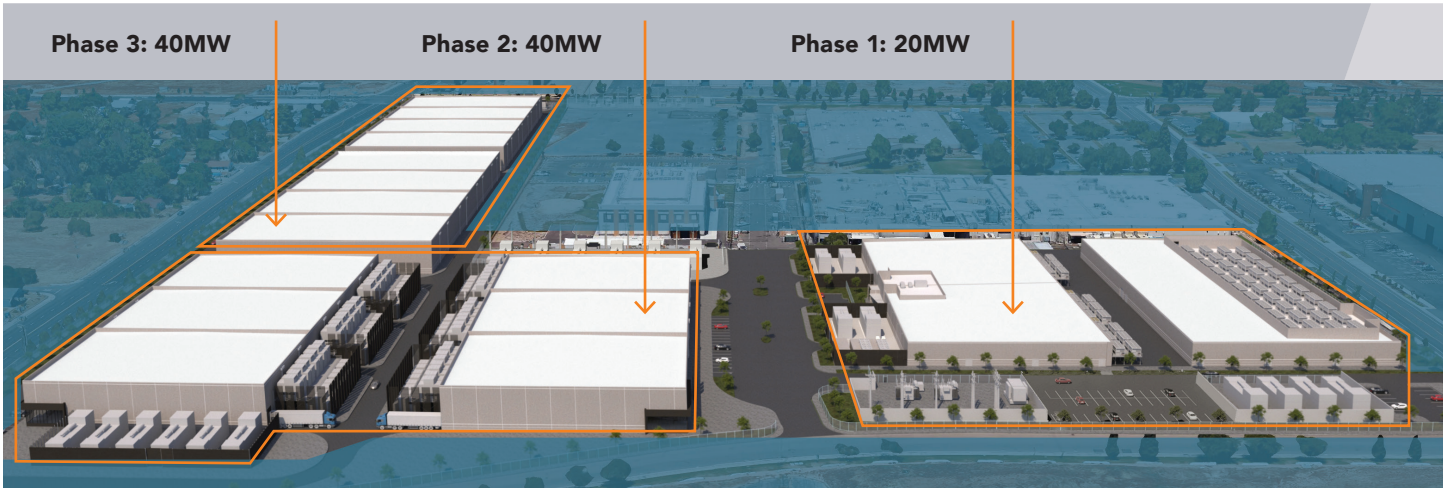
Partnership & Solutions

A True Corporate Partnership

Dynamic Ownership and Leasing Models

Partnership Solutions





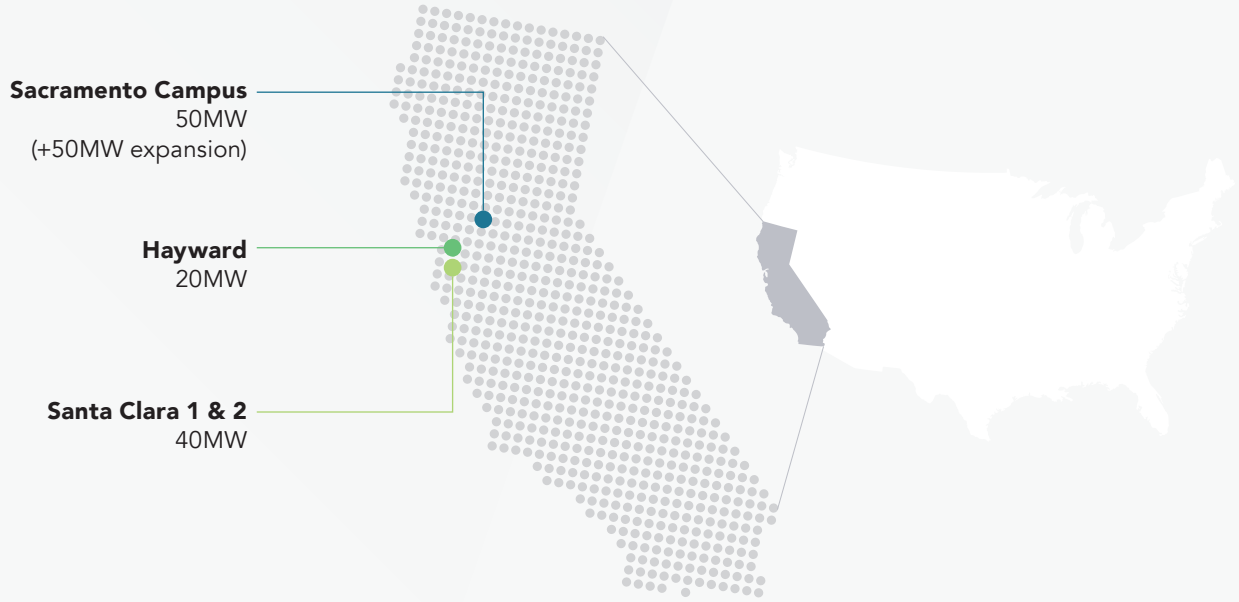
About Us

Prime Data Center Corp

Prime builds, owns and operates efficient and scalable data centers. Providing turn-key, build-to-suite and powered-shell solutions we design for excellence and engineer to scale.

Prime takes a different approach to partnership by co-creating capital expenditure and real estate strategies with its customers that both advance their physical business interests in the digital world and increase per share valuations through capitalized lease structures. A private firm owned by entrepreneurs controlling $6BN in assets and a 15 year tenure in development of technology and real estate projects, Prime provides customers with ownership options and dynamic leasing models defining a true corporate partnership.

Prime has the ability to deliver 100+MW of critical capacity available as turn-key, build-to-suit and powered shell.



FOR MORE INFORMATION

For a tour of our facility, complimentary IT infrastructure consultation or sales information, call or email us at:

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