



# SH1 DATA CENTER



Our 86-acre Seattle-area South Hill campus houses the next generation SH1 data center, offering you a move-in-ready facility employing cost-saving, green technologies. Centeris has growth options for businesses of all sizes including high-power density cages, secure private suites and pods.



## TAKE A TOUR

[WWW.CENTERIS.COM/TOUR](http://WWW.CENTERIS.COM/TOUR)

### FEATURES INCLUDE:

- DUAL-FED 50 MEGAWATT SUBSTATION ON SITE, EXPANDABLE TO 100 MEGAWATTS.
- HIGH POWER DENSITY CAGES, SECURE PRIVATE SUITES, CUSTOM TAILORED PODS
- 3 TO 100 KW RACKS IN SAME LOCATION



# FACILITY SPECIFICATIONS

**SH1 is a next generation data center employing cost-saving, green technologies.**



## POWER

50 MW dedicated onsite substation; expandable in 25 MW increments

Dual-fed by two 115kV transmission lines

Dual feeds from independent 230 kV utility substations

UPS and generators @ (N+1) for full critical load

## MECHANICAL

Highly efficient evaporative cooling system utilizing **100% outside air**, saving 35% or more in energy & maintenance costs

Exceptional PUE

## HIGH DENSITY

Air Cooled Option: 3 to 100 kW cabinets in same location

High Density Water Cooled Option: 30 to 52 kW cabinets

Combined 3,500 pound floor load

## SCALABLE & FLEXIBLE

Secure private suites

Custom tailored pods

## CONNECTIVITY

Carrier neutral with Level 3 (North & South), Comcast, CenturyLink, Zayo, Verizon, Click! and Astound currently available through diverse and redundant pathways

Redundant fiber routes to the Westin, Pittock and other key West Coast Network Access Points and Cable Landing Stations

Carrier neutral meet-me-room

## SUSTAINABILITY

USGBC LEED Gold

Electricity generated from hydroelectric and wind sources

## COLOCATION

High power density cages, secure private suites, custom tailored pods available

## SECURITY

Private 86-acre site protected by perimeter and individual building security fencing

24 x 365 manned on-site security

Card and biometric readers

CCTV digital camera coverage of entire facility, integrated with access control and alarm system

All visitors and shipments screened upon entry to verify identity and escorted as necessary to appropriate locations

## LOCATION ADVANTAGES

Key access to regional and transpacific cable systems

Built and constructed on bedrock 525 feet above sea level to exceed Seismic Zone 3 specifications by 25%

## OTHER BENEFITS

SSAE16 Type 1 Audited

Proven data center team

Easy access to Seattle, Portland, Vancouver BC and SeaTac International Airport

Smart and Remote Hands services available

New urban data center sales and use tax exemption program