



First Phase of Benaroya's South Hill, WA, Data Center Opens for Occupancy

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By David Hamilton, August 05, 2010

(WEB HOST INDUSTRY REVIEW) -- The Benaroya Company (www.benaroya.com), a full-service commercial real estate company, is in the final commissioning stages of the South Hill Business and Technology Center (www.southhilldatacenter.com) in South Hill, WA, which it anticipates to be fully operational and ready for occupancy in the next two weeks. Its first phase is currently available for immediate occupancy.

According to Benaroya's Thursday announcement, the new carrier neutral data center, developed by Benaroya and a "hand-picked team of gold-standard experts," features efficient technology to reduce its environmental impact and energy costs.

"When compared to other data centers available in the country today, we believe that South Hill is at the top of the list for reliability, energy conservation, and environmental sensitivity," Benaroya principal Larry Benaroya said in a statement. "Our low PUE provides a very low total operating cost, and our reliable power source and adherence to LEED Gold and Energy Star standards make South Hill a truly exceptional data center. And perhaps most importantly for many users today, our first phase is available for immediate occupancy."

The 56,605 square feet of raised floor space [mentioned in earlier reports](#) is now complete, and capable of delivering as much as 260 watts per square foot of critical load. An adjacent building features an additional 60,000 to 70,000 square feet ready to be built out with similar capacity.

The secure, 92-acre South Hill campus features space for on-site containerized data centers. Its dedicated on-site substation with 42.5 Megawatts of available power is expandable to 67.5 megawatts.

The power and critical infrastructure comes with a 99.99-percent uninterrupted uptime guarantee and its highly efficient design contributes to an impressive Power Usage Effectiveness rating of 1.32, meaning that for every 1.32 watts drawn from the utility provider, one watt is delivered out to the IT load. The facility features five different fiber carriers, an evaporative cooling system that uses outside air, energy sourced entirely from hydroelectric and wind power, and LEED Gold-quality green technology.



Built on the site of an existing facility, Benaroya's has implemented low carbon and green design features making the site an example of environmentally-sensitive technology.