



Data Center Project Summary

PROJECT	Project End	DESCRIPTION	AREA (Sq. Ft.)
NERSC (National Energy Research Scientific Computing Center) Oakland, CA	2007	Commissioning of 2,400 ton chiller plant at Oakland facility to ensure reliable operation with new supercomputer..	20,000
SYMANTEC - CULVER CITY Culver City, CA	2007	Full HVAC and controls design and commissioning of a new 550,000 ft ² office building, including data center and lab spaces.	40,000
TUCSON DATA CENTER Tucson, AZ	2007	Design and commissioning including mechanical, plumbing and controls for expansion of an existing data center.	20,000
BARCLAY'S GLOBAL INVESTMENTS Pleasanton, CA	2007	Design and commissioning of high density MDF and UPS	3,500
INFORMATICA Redwood City, CA	2005	3rd party agent for mechanical and control system design review and commissioning on a 160,000 ft ² building and 5,000 ft ² data center	5,000
nVidia San Jose, CA	2005	3rd party agent for mechanical and control system design review and commissioning on a 15,000 ft ² data center	15,000
ROSS STORES CORPORATE HEADQUARTERS RELOCATION Pleasanton, CA	2005	Remodel of existing building for new Headquarters of Ross clothing retailer. Underfloor air distribution and FM200 system.	3,000
SIEBEL SALT LAKE CITY Salt Lake City, UT	2004	Expansion and commissioning of an existing data center.	15,000
ORACLE AUSTIN Austin, TX	2003	Expansion of an existing data center including mechanical and plumbing design and controls	55,000
PEOPLESOFT Pleasanton, CA	2003	Design-build criteria for HVAC and control systems for high density data center.	24,000
EQUINIX Various	1999	Developed master design criteria for future data centers that included innovative overhead distribution system that reduced first costs and energy costs.	

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LAWRENCE LIVERMORE NATIONAL LABORATORY TERRASCALE FACILITY Livermore, CA	1999	CDR documentation for mechanical systems for high-density datacenter using standard air handling units and waterside economizers.	54,000