

Kaiser Vallejo Medical Center Patient Tower Vallejo, California

Client: Kaiser Permanente
Oakland, California

Scope: 188-Bed Patient Tower Hospital,
441,210 sq. ft. including surgery
radiology and rehab functions, new
CUP and major renovations to the
existing hospital

The Kaiser Permanente Vallejo Medical Center expansion and renovation consists of 12 distinct project packages and is one of the healthcare provider's major undertakings in Northern California to address both patient growth and the California mandated SB-1953 requirements for seismic upgrade.

The main hospital tower has 188 beds and includes a surgery center, diagnostic imaging, women's services and a state-of-the-art rehab center. It features seventeen (17) 100% Outside Air systems with Run-Around Heat Recovery. The systems are designed to provide flexibility in order to accommodate future health code requirements, in addition to providing energy efficiency and reduced first cost. The air handling units are located on the roof of the building to safeguard air intakes against Bio-terrorism.

The central plant houses chilled and heating hot water systems and emergency generators. A key feature of this plant is a separate gas-fire generator. With provisions for future heat recovery capability to function as a true co-generation system, this arrangement will provide operational flexibility.

