

# Adventist Medical Center Expansion & Renovation

PORTLAND, OREGON

## Services

MEP Engineering  
Energy Consulting  
Lighting  
Building Technologies

## FAST FACTS

### Architect

Petersen Kolberg &  
Associates

### General Contractor

Andersen Construction

### Completion

June 2009

### Building Size

181,000 sf

### Project Cost

\$94 million

The existing Adventist Medical Center underwent an expansion consisting of a new four level 440 car parking garage and a new five level 180,000 sf ambulatory service building. The project included a 13,000 sf emergency department remodel, and a significant expansion of the campus central plant. Approximately 100,000 sf of the ambulatory service building is built out, while the remaining area is shelled space with build-out expected to commence soon.

The campus central plant expansion/upgrade included upgrading the 1,000 ton chiller plant to a 2,500 ton plant with heat recovery chillers. The new energy efficient cooling plant operates small heat recovery chillers and rejects heat to the building

heating and domestic hot water systems. High efficiency gas fired water heaters replaced the old steam fired heaters to improve overall heating efficiency. A new cooling tower yard, pumping system, and five megawatt generator plant round out the expansion of the infrastructure. The central plant expansion was completed and tied into the existing facility with virtually no loss in utility delivery to the hospital.

Electrical services include designing the power, lighting, wired and wireless telecommunications, fire alarm, paging, nurse call, patient monitoring, and clock systems.



The project also included extensive infrastructure upgrades and renovations to existing hospital space.