



## St. Charles Electrical Infrastructure Upgrade

BEND, OR

Electrical Infrastructure Upgrade Project for St. Charles Hospital Main and Emergency Switchboards

CLIENT	St. Charles Health System
GC	Skanska USA Building, Inc.
DURATION	25 Months
BUDGET	\$4 MII

The purpose of the Electrical Infrastructure Upgrade project was to replace the hospital's original main and emergency switchboards from 1974. Replacement parts were no longer available for the original equipment and the facility was at major risk of equipment failure and loss of critical load due to the age and condition of the equipment. Rosendin installed (2) new services to a new 3000A M-T-M switchboard to replace the original normal power switchboard and cut over each of the (12) loads individually while maintaining the normal operation of the facility. A new 1600A switchboard and 1000A ATS were provided to replace the original emergency power switchboard. Rosendin worked closely with the hospital on a cut-over plan where all of the emergency loads were migrated from the original system to the new system over a long weekend while still maintaining the operation of the facility. The project also included providing (2) new services for the facility's Heart Center Wing where Rosendin re-fed the existing service equipment with the new utility services in order to make space for future expansion.

### OFFICES

Prineville, OR

### SECTORS

Healthcare

### SERVICES

Building Information Modeling  
Engineering

### VALUE ADD

Design-Assist