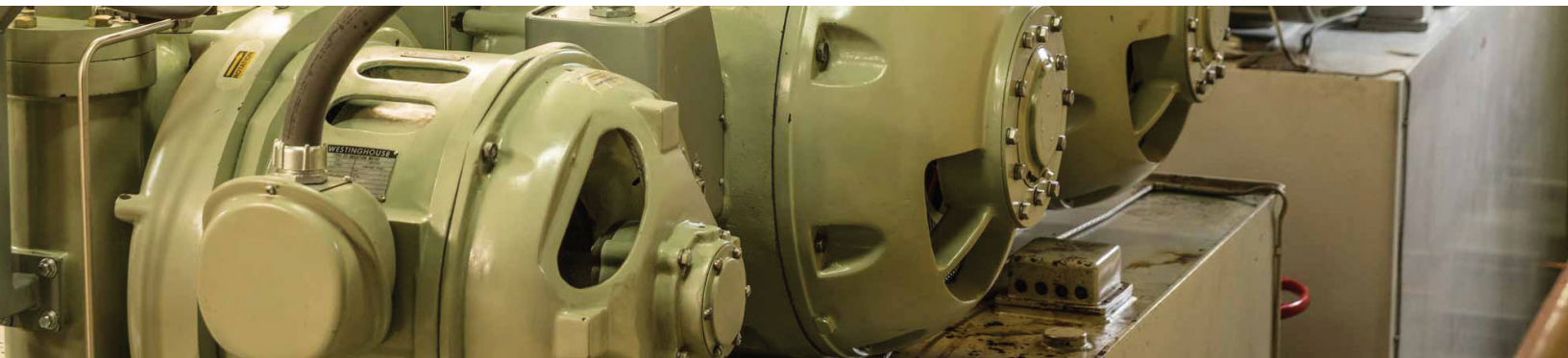




THE JOHN DAY NORTH FISH LADDER AWS PUMP REPLACEMENT



CLIENT
U.S. Army Corps
of Engineers



LOCATION
John Day Dam, WA



TIMELINE
August 2009 – June
2013



DIVISION
Controls &
Engineering



VALUE
\$13,700,000

OVERVIEW

Olsson Industrial Electric was awarded a best value Design-Build contract by the Northwest Region, Portland District Army Corps of Engineers, to provide field removal of the existing AWS Pumps, installation of upgraded AWS Pump Systems, installation and fabrication of a new Power Distribution System and incidental related work at the John Day Dam, North Fish Ladder.

SCOPE

- Designed and constructed MV and LV power distribution systems
- Installed two parallel 13.8 kV feeders, two 3000 kVA transformers, and six 450 HP VFD and motors with integrated PLC control systems
- Meticulous specification of engineered equipment to satisfy challenging operating environment
- Thorough factory acceptance testing of all components, including a 1/4 scale pump design, motors and power distribution center
- Designed, fabricated and tested the Power Distribution Center off-site
- Provided project management services – 6 engineering firms, 4 subcontractors and 6 suppliers

HIGHLIGHTS

- Zero safety incidents