

USACE

John Day Dam North Fish Ladder Aws Pump Replacement



DIVISIONS

Olsson Industrial Electric
Olsson Controls
OS Engineering



LOCATION

John Day Dam, WA



START DATE

August 2009



END DATE

June 2013

SCOPE OF WORK:

- 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 ¼ 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