



ICE HARBOR LOCK AND DAM DIGITAL GOVERNOR UPGRADE



CLIENT
U.S. Army Corps
of Engineers



LOCATION
Burbank, WA



TIMELINE
August 2014 –
March 2015



DIVISION
Controls &
Engineering



VALUE
\$800,000

OVERVIEW

Olsson Industrial Electric completed a digital governor upgrade at the Ice Harbor Lock and Dam. Olsson removed the existing governors and associated controls. New conduit and cabling was installed to support the replacement digital governors in main units 1-3. In addition, Olsson repaired several blade and gate distributing valves and provided gate distributing valve plungers, bushings, stems and pilot pistons.

SCOPE

- Removed existing governor controls
- Installed new governor controls and accessories
- Disassembled, cleaned, inspected and re-assembled distributing valves
- Furnished gate and blade distributing valve plungers, bushings, stems and pilot pistons
- Furnished a governor maintenance tool
- Repaired blade and gate distributing valves

HIGHLIGHTS

- Zero safety incidents