



BONNEVILLE LOCK AND DAM DIGITAL GOVERNOR INSTALLATION



CLIENT
U.S. Army Corps
of Engineers



LOCATION
Cascade Locks, OR



TIMELINE
January 2013 –
September 2014



DIVISION
Construction, Controls
& Engineering



VALUE
\$2,300,000

OVERVIEW

Olsson Industrial Electric completed a project to replace several existing Woodward governors at the Bonneville Lock and Dam, Powerhouse II. Olsson removed the existing mechanical governors and associated controls. New conduit and cabling was installed to support the replacement digital governors in main units 11-18 and fish units F1 and F2. In addition, Olsson repaired and refurbished several distributing valves, designed and fabricated transducer mounting brackets and performed asbestos abatement.

SCOPE

- Removed existing Woodward governors and controls (Units 11-18, F1 and F2)
- Installed new conduit and cabling to support digital governors and controls
- Installed new Government furnished governor controls
- Disassembled and refurbished or repaired distributing valves
- Designed and fabricated transducer mounting brackets
- Designed and installed supporting bracket assemblies for Government furnished equipment
- Performed asbestos abatement

HIGHLIGHTS

- Zero safety incidents