ELECTRICAL CONSTRUCTION
FULL SERVICE ELECTRICAL CONTRACTORS FOR INDUSTRY

Capabilities & Experience

Our electrical construction capabilities are second to none. With experience in everything from hydroelectric facilities to sawmills, Olsson’s construction teams are well-versed in the maintenance, troubleshooting and construction of all-things heavy industry. We understand that intensive planning, sound judgement and transparent communications are integral to an on-time and on-budget outcome. Our teams are well equipped to handle projects of all magnitudes.
EXPERTISE & CERTIFICATIONS

- High Voltage Design and Installation
- Medium Voltage Design and Installation
- Low Voltage Design and Installation
- PLC System Design and Installation
- PLC Programming
- AC/DC Drive Systems
- Instrumentation System Design and Installation (NICET Certified)
- Fiber Optic Cable System Design and Installation (FOA Certified)
- Rockwell Automation Certified for VFAC Drive System Start-Up & Warranty
- Rockwell Automation System Integrator
- UL 508 Certified Panel Shop

OUR MISSION

We are contractors for industry and it is our mission to provide craftsman-caliber electrical construction services to industrial clients throughout our communities, helping to maintain and improve critical infrastructure that we all depend on.

HEADQUARTERS
1919 Laura Street
Springfield, OR 97477
Phone: (541) 747-8460
info@olssonelec.com

OLYMPIA OFFICE
1306 Fones Road SE
Suite A
Olympia, WA 98501
Phone: (360) 810-3609
info@olssonelec.com

BEND OFFICE
63035 Plateau Drive
Bend, OR 97701
Phone: (541) 639-4484
info@olssonelec.com

30 YEARS OF EXPERIENCE | 1,000+ PROJECTS | 170+ EMPLOYEES
ELECTRICAL ENGINEERING
ENGINEERING ROBUST POWER SOLUTIONS FOR INDUSTRY

Capabilities & Experience

The power industry is continually evolving, creating new challenges and demands for users and providers. The need for a strong engineering team to support the design, construction, commissioning and operation of power systems has never been greater.

OS Engineering has an expert staff of licensed engineers who provide professional engineering services for a variety of industries including Industrial, Utility, Power Generation and Commercial.

541-393-3345 | os-engr.com
EXPERTISE & CERTIFICATIONS

POWER SYSTEM DESIGN
- Project Feasibility Analysis
- Preliminary and Detailed System Design
- Specifications and Bid Documents
- Submittal Evaluation and Award Analysis
- Services During Construction and Supervision
- Component Programming and Commissioning
- As Constructed and Troubleshooting Support

POWER SYSTEM ANALYSIS
- Arc Flash Hazard, Short Circuit, Coordination, and Power Flow Analysis
- Equipment Duty Evaluation
- Transient and Harmonic Analysis

AUTOMATION SYSTEM
- SCADA Systems complete from design to integration. We specialize in open system architecture but support proprietary systems as well.
- PLC Design and Programming
- Intelligent Electronic Device Programming and Integration

OTHER SERVICES
- Troubleshooting
- Data Collection and Analysis Including:
  - IEEE 519 Harmonic Compliance
  - Power Factor and Load Measurement and Analysis
  - Transient Measurement and Analysis
  - Thermographic Analysis
  - Commissioning Engineering Services
  - Power System Inspection and Certification

OUR MISSION
The OS Engineering team is passionate about partnering with our customers to develop exceptional solutions to technical problems. We maintain engineering excellence through continual improvements in engineering knowledge and a commitment to professionalism, respect, and integrity.

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PROFESSIONAL ELECTRICAL ENGINEERS | LICENSED IN MULTIPLE STATES | 1,000+ PROJECTS
CONTROLS
CREATING INNOVATIVE SOLUTIONS FOR ANY INDUSTRIAL CONTROL SYSTEM

Capabilities & Experience

Integrated controls are critical to the safe and efficient operation of industrial facilities throughout the domestic United States. The heavy dependence on controls and continued trend towards full plant automation created a need for professional system integrators, designers, and programmers. Olsson’s in-house division of programming professionals, Olsson Controls, is perfectly suited to design, build, and maintain any industrial control system.

The Controls division is a certified Allen Bradley integrator, offering full-scale PLC services. The team supports a variety of control platforms, data management software, and HMI utilities. Olsson Controls is your answer to any integrated system need.
EXPERTISE & CERTIFICATIONS

CONTROL SYSTEM SOFTWARE
- Rockwell
- Inductive Automation
- Wonderware
- Intellution (formerly from Emerson, now part of GE)
- Automation Direct
- Siemens
- Eaton
- Delta Computer Systems
- Schneider Electric
- Texas Instruments
- Maple Systems

Mitsubishi
V.B
C++

INSTRUMENTATION SERVICES
- Flow Meters (all technologies)
- Level
- Pressure
- Temperature
- Strain Guages/Load Cells
- Gas Analyzers
- Water Quality Analyzers

TESTING CAPABILITIES
- Process Calibrators (Pressure, Temperature, Flow etc...)
- Fiber Testers (OTDR, OLTS)
- Power Quality Analyzer
- HART

OTHER SERVICES
- Rockwell Automation System Integrator
- UL 508A, 698A, and 891 Certified Panel Shop
- Industrial and Utility Controls Programmer/Programmers (SCADA, HMI, PLC & More)

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30 YEARS OF EXPERIENCE | 1,000+ PROJECTS | UL CERTIFIED PANEL SHOP