



JOHNSON CONSTRUCTION CONSULTING LLC  
POWER PERFECTED



Vernon Johnson  
Engineering Supervisor

ARCHITECT & ENGINEERING TEAM  
www.johnsonconstructionconsulting.com

# VERNON JOHNSON

## PROJECT MANAGER ENGINEERING

25+ years in Electrical Contracting/Project Manager/Superintendent /Energy Marshall. Licensed Journeyman and Electrical Administrator in multiple states. Experienced in RS Logix 5000, SCADA, Bluebeam, Procore, and Accubid. 30+ years of experience in electrical infrastructure, data center commissioning, hazardous energy control and project leadership. Manage Scope, Schedule, Budget, Staffing, QA/QC. Ensure Compliance with all Regulatory Requirements. Projects include Priest Rapids Dam, Wanapum Dam, Rocky Reach Dam. Worked with Microsoft, Amazon, and T-Mobile on complex MEP/critical power systems.

## QUALIFICATIONS

- Electrical licenses in WA(JOHNSVH936DA)
- Washington Electrical Administrators license 01. (ADJOHNSV\*796RO)
- Washington Journeyman Industrial
- Oregon Journeyman Industrial OR (26603J)
- Idaho master’s Industrial ID(ELE-J-38315)
- Instrumentation Technician Level2
- Drone Pilot Certification Federal Aviation Administration (FAA)
- OSHA 30-NFPA 70E
- First aid & CPR Trained
- Energy Marshall

## PROFESSIONAL EXPERIENCE

### 25+ years in Electrical Contracting and MEP Systems

- Power Generation, Power Transmission, Distribution Design
- Designing and Developing Electrical Systems
- Engineering, Instrumentation, Electrical Design Build, Project Management, Estimating, Cost Accounting, Lockout Tag Coordinator, Process Safety Management
- Estimating, LOTO Coordination, SCADA Integration, NEC/NFPA Compliance
- Calculating Takeoffs with Cost Analysis for Change Orders with Clarifications, Proposals, Contracts, and Scope Letters.
- Dealing with suppliers for equipment and materials for logistics/lead time
- Oversight for Electrical Mechanical, and Instrumentation
- Working through complex problems and designing high/medium/low Voltage Systems with Computer Systems and Instrumentation Analysis
- Delivering high quality projects on time and within budget
- Ensure Compliance with all Regulatory Requirements
- QA/QC Management
- Project Manager
- Superintendent
- Energy Marshall
- Manage Scope, Schedule, Budget, Staffing,
- Projects include: Priest Rapids Dam, Wanapum Dam, Rocky Reach Dam, Amazon, Microsoft, Sacred Heart Hospital, Intel and more

### TECHNICAL ABILITIES

- RS Logics 5000
- SCADA
- Procore
- Bluebeam
- Accubid
- Viewpoint
- Trimble
- Microsoft/Excel
- BIM
- Revit
- Critical Power systems
- Instrumentation Technician

### SKILLS DESIGN BUILD

- Designing Voltage Systems
- High/medium/low
- Using computer systems and instrumentation analysis
- Power Generation
- Power Transmission
- Distribution Design

### ELECTRICAL ESTIMATING

- NECA Advanced Electrical Estimating
- Calculating takeoff with cost analysis for change orders
- Cost Accounting

### MEP SYSTEMS PROJECTS

- Priest Rapids Dam
- Wanapum Dam
- Rocky Reach Dam
- Microsoft
- Intel
- Amazon
- Sacred Heart Hospital

## ROLE FOR DISTRICT PROJECTS

- Project Manager II/Engineering Technician IV
- Manage Scope, Schedule, Budget, Staffing, QA/QC
- Ensure Compliance with all Regulatory Requirements
- Serve as Alternative Point of Contact

### RELEVANT EXPERIENCE

#### Project Manager (Matawa, WA)

Oversight for Electrical /Mechanical/ Instrumentation

#### Superintendent (Moses Lake, WA)

Served as Supervisor for mechanical, electrical, and instrumentation Teams overseeing approx. 150 personnel

#### Project Manager and Senior Estimator (Quincy, WA)

Led the estimating and proposal efforts for large-scale RFPs, developed scopes of work, and managed awarded projects

#### QA/QC (Hillsboro, OR)

Oversaw 200-person Team: quality for transformers, generators, underground and overhead power, and 25kv distribution, ensuring compliance with specs and safety standards.

#### Lock-out Tag-out Coordinator(Quincy, WA)

Large-scale data center project involving 300-craftsmen, ensuring accurate equipment isolation in accordance with one-line drawings

## LICENSES

- Electrical licenses in WA(JOHNSVH936DA)
- Washington Electrical Administrators license 01. (ADJOHNSV\*796RO)

## CERTIFICATIONS

- **Drone Pilot Certification Federal Aviation Administration (FAA) Part 107**
- OSHA 30-NFPA 70E
- First aid & CPR Trained

## EDUCATION

- **Perry Technical College**
- Masters Electrical ID
- Washington Administrator

## PAST PERFORMANCES

### **Performance Scope: Project Manager (Matawa, WA)**

Oversight for Electrical Mechanical, and Instrumentation

**Project Cost:** \$100 million

### **Performance Scope: Superintendent (Moses Lake, WA)**

Served as supervisor for mechanical, electrical, and instrumentation teams at silicon plant, overseeing about 150 personnel. Focused on P&IDs and drawing to guide crews to correct equipment while ensuring safety protocols.

### **Performance Scope: Project Manager and Senior Estimator(Quincy, WA)**

As Senior Estimator and Project Manager, I led the estimating and proposal efforts for large-scale RFPs, developed scopes of work, and managed awarded projects for major clients, supporting a company of approximately 250 employees on projects exceeding \$100 million across data centers, and industrial facilities.

**Project Cost:** \$100 million

### **Performance Scope: QA/QC (Hillsboro, OR)**

Oversaw quality for transformers, generators, underground and overhead power, and 25kv distribution, ensuring compliance with specs and safety standards.

**Project Cost:** \$45 million

### **Performance Scope: Lock-out Tag-out Coordinator (Quincy, WA)**

Lock-out Tag-out Coordinator large-scale data center project involving 300 craftsmen, ensuring accurate equipment isolation in accordance with one-line drawings.

**Project Cost:** \$500 million



# VERNON JOHNSON

## DRONE PILOT

1. JCC Drone Pilot operates Autel Robotics Alpha. Drone scope of work includes Aerial Data Collection, Inspection and Documentation Services for Switchyard, Substation, and Transmission Line Construction Projects. Drone Operations enhances safety, accuracy and efficiency in Construction Monitoring and Documentation. This scope ensures accurate visual and infrared data capture to support construction progress tracking, quality assurance, safety, and as-built documentation. By providing real-time aerial intelligence, the Drone Pilot supports decision-making, reduces the need for manual inspections in hazardous areas, and ensures quality control throughout project execution. JCC Drone Pilot operates under Federal Aviation Administration (FAA) Part 107 Certification and in full compliance with all client, site, and utility safety requirements.
2. **Responsibilities and Tasks**
  - Pre-Flight Planning and Coordination
  - Review project drawings, maps, specifications to plan flight paths and coverage areas
  - Obtain flight authorizations, permits, and client approvals prior to operations.
  - Conduct site-specific safety briefings and hazard assessments.
  - Verify weather conditions, equipment readiness, battery status before missions.
3. **Aerial Data Collection**
  - Perform scheduled drone flights for construction progress monitoring, including aerial imagery and video capture of transmission lines, substations, and switchyards.
  - Conduct detailed inspections of towers, bus work, structures, and equipment to identify defects, alignment issues, or construction quality concerns.
  - Capture thermal (infrared) imaging to detect hot spots, electrical resistance issues, or improper grounding during energization and commissioning stages.
  - Collect high-resolution photos and videos for as-built and post-construction documentation.
4. **Data Processing and Reporting**
  - Process and organize all aerial data, including still images, videos, 3D mapping (photogrammetry), and thermal results.
  - Deliver detailed visual reports to the project team highlighting progress, deficiencies, and corrective action areas.
  - Label and store all collected data in accordance with the project's data management and security protocols.
5. **Compliance and Safety**
  - Maintain compliance with FAA Part 107, client-specific UAS policies, and all local aviation regulations.
  - Adhere strictly to project safety rules, maintaining situational awareness during flight operations near energized equipment and construction personnel.
  - Maintain updated pilot certifications, equipment maintenance records, flight logs.
6. **Deliverables**
  - Weekly and monthly aerial progress photo and video packages.
  - Infrared inspection reports identifying electrical and thermal anomalies.
  - 3D orthomosaic maps and aerial surveys of transmission corridors and substations.
  - As-built visual documentation and final turnover data set.
  - Flight logs and FAA compliance documentation.
7. **Schedule**

Drone operations shall be conducted in alignment with the project construction schedule. Flights will typically occur weekly or as requested by the Construction Manager, QAR, or Project Engineer to document key construction milestones or perform



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**Vernon Johnson**  
**Drone Pilot Operations**  
( FAA ) AVIATION CERTIFICATION

### Operates

Autel Robotics Alpha  
In Full Compliance

- FAA Part 107
- Client-Specific UAS Policies
- Local Aviation Regulations
- Site Safety Requirements
- Utility Safety Requirements
- Equipment Requirements

### AUTEL ROBOTICS ALPHA



Provides Real-Time Aerial Intelligence. Ensures accurate Visual and Infrared Data Capture to support construction progress tracking, quality assurance, safety, and as-built documentation.

FAA-registered UAV with 4K-capable camera and gimbal stabilization.

Thermal/infrared imaging capability for electrical inspections.

GPS-enabled flight control, waypoint programming for automated survey missions  
Spare batteries, propellers, and data storage devices.