

Ruben Farrell

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SUMMARY

Construction and commissioning **project manager** with 10 years directing field execution for power generation and heavy industrial projects. Leads site strategy, scope control, schedule updates, budget tracking, progress measurement, subcontracting, mobilization, commissioning documentation, EHS, quality management, and customer coordination across distributed teams. Hydropower experience includes turbines, generators, **mechanical balance of plant**, electrical balance of plant, piping, machining, tooling, temporary facilities, and field training. Builds practical plans from pre mobilization through final demobilization, connecting project controls with safe execution and clear stakeholder communication. Holds a Bachelor of Science in **Mechanical Engineering, Project Management Professional** certification, and OSHA 30 Hour Construction training. Brings sound field judgment, disciplined risk management, and steady vendor coordination to complex projects requiring frequent domestic travel and reliable delivery.

EXPERIENCE

Senior Project Manager, Construction and Commissioning

June 2022 - Present

Cascade Hydro Project Services

Boise, ID

Directs field execution for power generation projects, owning site strategy, project controls, customer coordination, **vendor packages**, mobilization, commissioning records, quality, EHS, risk actions, and closeout decisions across geographically distributed teams.

- Directed hydropower field execution across scope, schedule, cost, safety, and quality commitments.
- Built progress dashboards and weekly schedule reviews, exposing constraints before recovery decisions became urgent.
- Coordinated customers, engineering, procurement, vendors, and site teams through scope change reviews.
- Prepared RFQs and **Purchase Requests** for piping, painting, **machining**, and electrical subcontract packages.
- Planned **mobilization** resources, tooling, EHS equipment, **warehousing**, accommodations, offices, and site training.
- Maintained **commissioning reports**, quality records, risk actions, and turnover documents through closeout.

Project Manager, Construction and Commissioning

April 2019 - May 2022

Northwest Generation Constructors

Spokane, WA

Managed construction and commissioning delivery for power generation work, translating project requirements into controlled field plans, vendor coordination, schedule forecasts, **customer meetings**, and safe turnover documentation.

- Led field teams through turbine, generator, **piping**, and balance of plant work packages.
- Tracked **monthly financial progress** and weekly planned versus actual schedules for leadership reviews.
- Evaluated **scope changes** through quantity checks, quality reviews, and customer communication.
- Managed subcontractor RFQs, Purchase Requests, vendor documents, and field interface decisions.
- Coordinated **resource loading**, tooling, temporary facilities, storage, accommodations, and worker training.
- Closed **commissioning** records and quality actions, giving customers clear turnover evidence.

Assistant Project Manager, Construction and Commissioning

July 2017 - March 2019

Rocky Mountain Industrial Projects

Fort Collins, CO

Supported project managers and field leadership across industrial **construction** and commissioning, contributing to schedule control, procurement, mobilization, customer reporting, quality documentation, and **risk mitigation**.

- Supported site strategy reviews for mechanical and electrical balance of plant packages.
- Updated progress measurements and schedule forecasts, helping field leaders focus recovery work.
- Prepared customer meeting materials and logged **scope changes** for commercial review.
- Compiled RFQs, **Purchase Requests**, subcontractor files, and vendor documentation for field release.
- Checked mobilization lists covering equipment, safety supplies, warehousing, **offices**, and accommodations.
- Organized **commissioning reports**, quality records, risk logs, and turnover materials for closeout.

Field Project Engineer, Construction and Commissioning

June 2016 - June 2017

Frontier Mechanical and Power

Cheyenne, WY

Provided field engineering support for power projects, connecting construction planning, mechanical and electrical coordination, commissioning preparation, quality records, EHS practices, and customer updates.

- Supported turbine and generator installation planning with field teams and vendors.
- Recorded quantities and progress updates for weekly schedule and project control reviews.
- Resolved field questions through engineering, procurement, customers, and subcontractor coordination.
- Prepared material requests, **vendor packages**, and documentation for piping and machining work.
- Verified **tooling, safety equipment**, storage, temporary facilities, and training before mobilization.
- Compiled test records, **quality** documents, **commissioning reports**, and turnover information for completion.

PROJECTS

Hydropower Unit Mobilization Program 📅 2024

Field readiness is where project promises become visible. Built a repeatable mobilization program covering resource loading, tooling, EHS equipment, warehousing, offices, accommodations, checksheets, and site specific training for hydropower work.

Commissioning Documentation Control 📅 2022

A clean turnover file can prevent a long final meeting. Structured commissioning reports, quality records, risk actions, and customer documentation into a practical closeout workflow for power generation projects.

Balance of Plant Vendor Packages 📅 2020

Small vendor decisions can shape field productivity. Coordinated piping, painting, machining, mechanical, and electrical packages through RFQs, Purchase Requests, technical reviews, and delivery tracking.

LEADERSHIP & AWARDS

- Project Management Professional certification recognized for disciplined delivery, stakeholder communication, and project control leadership.
- OSHA 30 Hour Construction training recognized for practical EHS leadership across active field operations.
- Selected by project leadership to coordinate customer meetings, vendor interfaces, mobilization reviews, and final demobilization planning.

EDUCATION

Bachelor of Science in Mechanical Engineering

2016

Colorado State University GPA: 3.5

Fort Collins, CO

Coursework: Construction management, project controls, fluid mechanics, electrical systems

CERTIFICATIONS

- Project Management Professional 📅 2021
- OSHA 30 Hour Construction 📅 2020

TECHNICAL SKILLS

- **Project Controls:** Microsoft Project, Excel, planned versus actual tracking
- **Construction Management:** Field execution, site strategy, construction planning
- **Commissioning Systems:** Commissioning reports, turnover records, test documentation
- **Hydropower Equipment:** Turbines, generators, hydroelectric units
- **Balance of Plant:** Mechanical systems, electrical systems, piping
- **Procurement Documents:** RFQs, Purchase Requests, vendor packages
- **Mobilization Planning:** Resource loading, checksheets, temporary facilities
- **Safety Management:** EHS planning, OSHA standards, safety equipment
- **Quality Management:** Site quality plans, quality records, inspection reports
- **Risk Management:** Risk mitigation, opportunity assessment, action tracking
- **Schedule Management:** Weekly updates, progress measurement, recovery planning
- **Commercial Controls:** Budget tracking, quantity review, financial progress
- **Field Operations:** Warehousing, accommodations, tooling
- **Stakeholder Communication:** Customer meetings, project communications, leadership reviews
- **Subcontract Management:** Piping packages, painting packages, machining packages

SKILLS

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|---------------------------|--------------------|---------------------|---------------------|
| • Construction management | • Generators | • Budget control | • RFQs |
| • Commissioning | • Project controls | • Progress tracking | • Purchase Requests |
| • Hydropower | • Scope management | • Mobilization | • EHS |
| • Turbines | • Schedule updates | • Demobilization | |

PROFESSIONAL AFFILIATIONS

- Project Management Institute member, connecting project controls practice with professional development.
- American Society of Mechanical Engineers participant, maintaining ties with mechanical engineering and power generation peers.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST