

Project Engineer

Pay: \$100,000.00 - \$120,000.00 per year

Location: Middletown, NY 10941 (USA)

About Piller Power Systems

Piller Power Systems is a global leader in mission-critical power protection solutions, providing innovative uninterruptible power supply (UPS) systems and energy technologies that keep essential operations running around the world. Our solutions support data centers, healthcare organizations, utilities, industrial facilities, government agencies, and other industries where reliable power is critical to business continuity.

Position Summary

The Project Engineer serves as the primary technical point of contact for customers throughout the lifecycle of assigned projects—from proposal development through startup and project completion. Working closely with Sales, Project Management, Engineering, Manufacturing, and Service teams, this role ensures Piller's products and solutions are properly applied, meet customer specifications, and fulfill contractual requirements.

The Project Engineer collaborates with customers, consultants, and internal stakeholders to design reliable, high-performance power system solutions while providing technical leadership throughout engineering, testing, commissioning, and project execution.

Key Responsibilities

Project Engineering

- Serve as the primary engineering resource for assigned projects, ensuring compliance with Piller standards, applicable codes, industry standards, and customer specifications.
- Act as the primary technical interface with customers throughout project execution.
- Collaborate with Project Managers to develop project schedules and coordinate engineering resources.
- Work with customers and consulting engineers to develop system designs that maximize the performance and reliability of Piller products.
- Interpret customer specifications, contract documents, vendor drawings, and technical documentation.

Design & Documentation

- Prepare and approve technical submittal packages, engineering drawings, and project documentation.
- Partner with the Drafting team to develop customer-specific control system drawings.
- Conduct engineering and design reviews with Drafting, Production, and Engineering teams to ensure compliance with project requirements and Piller standards.
- Develop Factory Acceptance Test (FAT), site startup, and Site Acceptance Test (SAT) Methods of Procedure (MOPs).
- Obtain customer approval for testing procedures and technical documentation.

Project Execution & Technical Support

- Support field technicians during equipment startup, commissioning, testing, and troubleshooting activities.
- Participate in system testing and implementation activities.
- Assist with project closeout activities, including punch lists and closeout documentation.
- Implement corrective actions in accordance with company procedures.
- Perform other duties and special projects as assigned.

Qualifications

Required Education & Experience

Education

- Bachelor of Science degree in Electrical Engineering.

Experience

- Minimum of five (5) years of experience in electrical power systems.
- Experience with UPS systems, backup power generation, or other critical power systems preferred.

Knowledge, Skills & Abilities

- Understanding of electronics, instrumentation, PLCs, and industrial control systems.
- Familiarity with programming languages such as ladder logic, assembly, Visual C++, or similar programming environments.
- Ability to read, analyze, and interpret engineering drawings, technical specifications, and control system documentation.

- Strong troubleshooting, analytical, and problem-solving skills.
- Proficiency with Microsoft Office and standard engineering software applications.
- Highly motivated with the ability to work independently while collaborating effectively in a team environment.
- Strong attention to detail, accuracy, and organizational skills.
- Excellent written and verbal communication skills with the ability to interact professionally with customers, consultants, and internal teams.

Physical Requirements

- Ability to travel overnight as business needs require.
- Ability to travel by air or vehicle to customer and project sites.
- Ability to work in office, manufacturing, and construction site environments as required.

Work Environment

This position is primarily office-based with periodic travel to customer locations, manufacturing facilities, and project sites. Occasional work at construction sites and industrial facilities may be required. Appropriate personal protective equipment (PPE) is required in designated work areas.

Benefits & Perks

We recognize that our employees are critical to our success and are committed to providing a competitive compensation and benefits package, including:

- Comprehensive Medical, Dental, and Vision insurance
- Retirement savings plans with company contributions
- Extensive paid time off (PTO) package, including vacation, personal, sick, and holiday time
- Tuition reimbursement
- Collaborative team environment with opportunities to work on mission-critical power infrastructure projects

Equal Employment Opportunity

We are an Equal Opportunity Employer and are committed to creating an inclusive workplace. All qualified applicants will receive consideration for employment without regard to race, color, religion, creed, sex, sexual orientation, gender identity or expression, national origin, age, disability, protected veteran status, genetic information, or any other characteristic protected by applicable federal, state, or local law.

Qualified applicants with arrest or conviction records will be considered for employment in accordance with applicable law.

Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions of the position. Applicants requiring reasonable accommodation during the application or interview process are encouraged to contact Human Resources.

Additional Information

Ability to Commute:

- Middletown, NY 10941 (Required)

Work Location:

- Primarily in person, with some hybrid work opportunities based on business and operational needs.

To Apply or Learn More:

For questions about this opportunity or to learn more about careers at Piller Power Systems, please contact info@piller.com and include “Piller Human Resources” in the subject line. Your inquiry will be directed to the appropriate member of our HR team.