



## JOB DESCRIPTION

**TITLE:** SCADA/Data Software Engineer

**Department:** Operations

### THE COMPANY

GlidePath Power Solutions LLC, based in Chicago, IL, is a developer, owner, and operator of energy storage projects throughout the USA. GlidePath's mission is to accelerate the energy transition to a 100% carbon-free electric grid deliberately and profitably through sustainable, accessible energy storage development, deployment, operations, and optimization.

## JOB DESCRIPTION

### POSITION OVERVIEW

The SCADA/Data Software Engineer is responsible for installing, integrating, maintaining, and managing SCADA hardware and software and performance analytics tools. This responsibility ranges from site-specific SCADA as well as primary responsibility for GlidePath's remote monitoring systems, SCADA overlay, and designing and managing tools to optimize operational performance of energy storage systems. The successful candidate will have proven experience working in complex organizations that are undergoing rapid growth and transformation. This position is best-suited for an ambitious, initiative-taking and career-focused individual with SCADA, Networking, and statistical analysis experience who is seeking a demanding role with high exposure to senior management.

### RESPONSIBILITIES

- Develop SCADA and network architecture for new projects coming online and lead coordination with external parties such as utilities, equipment suppliers, remote monitoring, historian, and operational dispatch platforms. This includes development of points lists, RTU configuration, and ancillary equipment setup to meet all relevant requirements.
- Assist in the development and execution of initiatives to improve access to operational data and contribute to the network infrastructure design for pipeline projects.
- Manage the maintenance of SCADA and network architecture at operating projects, troubleshoot any issues that arise during operation, and optimize processes and architectures to streamline telemetry to third parties and improve overall business and system performance.
- Work closely with other teams at GlidePath to ensure data analytics and third-party requirements for monitoring or system dispatching are maintained and optimized.
- Design, build, and manage data analytics tools, systems, and process to optimize operational performance of energy storage systems
- Develop conceptual project designs which comply with key stakeholder requirements. This includes developing communications single-line diagrams for new energy storage projects as well as coordinating necessary deliverables with interconnecting utilities. Requires the evaluation and selection of key project equipment and components.
- Support in major equipment procurement initiatives including batteries, inverters, and transformers by validating compliance with GlidePath cybersecurity, SCADA, and networking needs and assisting in vendor due diligence and selection.
- Review communication and SCADA scopes of work, network diagrams, points lists, and other



deliverables from engineering consultants and EPC contractors

- Manage technical, networking, and process interface with third party control centers and/or remote operations
- Assist with external stakeholder relationship management when required, including partners, governmental authorities, regulatory agencies, etc.
- Support intra-company teams in project planning, proforma financial model inputs, contract negotiations, and respond to other requests for information as required.
- Assist in developing key project equipment and engineering specifications that reflect GlidePath and project-specific requirements and best practices.
- Organize and maintain critical project resources on Teams, SharePoint, and other cloud storage platforms as needed.

### SKILLS AND REQUIREMENTS

- Bachelor's or graduate degree in Electrical or Computer Engineering, Computer Science, or similar quantitative discipline if/where applicable.
- At least ten years of experience managing, designing, programming, and/or troubleshooting SCADA systems, remote operations centers, and/or big data analytics, preferably within the energy industry. Battery storage experience a plus.
- Excellent analytical and problem-solving skills.
- Proficiency with data analysis and reporting.
- Strong organizational and time management skills.
- Database experience (OSIsoft PI, SQL).
- Programming language proficiency (Python, C).
- Proficiency with communication protocols DNP3, Modbus.
- Proficiency with Visio or similar program to develop schematics and diagrams.
- Familiarity with electrical substation equipment, including relays, meters, controllers, and firewalls.
- Familiarity with electric power industry data and reporting requirements (NERC, ISO/RTO, etc.)
- Strong verbal and written communication skills. Effective at communicating technical topics to non-technical audiences.
- Prior experience in developing and maintaining written reports, operational metrics, and key performance indicators.
- Project management experience
- Proficiency with Microsoft Office 365 applications.
- Some travel required.
- Job Location: Chicago, IL strongly preferred

### ADDITIONAL SUCCESS FACTORS

- Self-motivated with an ability to own and lead resolution of difficult issues with a sense of urgency
- Ability to both manage teams and perform required tasks
- Experience with remote operations centers or equivalent
- Conventional knowledge of merchant electricity markets and regulatory frameworks



## PHYSICAL DEMANDS

The physical demands described here are representative of the requirements that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions to the extent such accommodation does not create an undue hardship on the business. While performing the duties of this job, the employee is regularly required to use a computer keyboard and mouse; reach with hands and arms; talk and listen. The employee is frequently required to sit or stand at a desk and utilize a computer for extended periods of time. Employee may also experience outside work environments while onsite as well as occasional travel.

*The above statements are intended to describe the general nature and level of the work being performed by people assigned to this job position. This is not an exhaustive list of all duties and responsibilities. GlidePath reserves the right to amend and change responsibilities to meet the business needs as necessary.*

## BENEFITS

GlidePath provides a comprehensive benefits package that include generous paid time off, medical, dental, vision plans, health savings account (HSA), 401(k), term life insurance, short-term and long-term disability benefits

### To Apply:

Please send a resume with subject line: "SCADA Engineer" to [careers@glidepath.net](mailto:careers@glidepath.net)

For more information: [www.glidepath.net](http://www.glidepath.net)

Successful applicants for a position at GlidePath may be required to sign a confidentiality and noncompetition agreement and submit to a background check as a condition of employment. Applicants that are currently under a non-competition restrictive covenant agreement with a current or former employer that would prohibit the individual from being able to work for GlidePath in this position will not be eligible for employment and should not apply for this job position.

**GLIDEPATH IS AN EQUAL OPPORTUNITY EMPLOYER. GLIDEPATH WILL CONSIDER REASONABLE ACCOMODATOINS THAT DO NOT CREATE AN UNDUE HARDSHIP ON THE BUSINESS FOR APPLICANTS TO COMPLETE THE APPLICATION PROCESS.**