Switch - TekSystems

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POSITION TITLE: Energy Management Systems Technician

POSITION LOCATION: Sparks, NV

POSITION DESCRIPTION:
The position is for an Energy Management Systems Technician 1 with Switch - a world renowned data center co-location in Sparks, NV. Switch is a revolutionary data center co-location company. They have created and developed many standards that are patent protected which will ensure long term success and security. They have several data centers in Vegas including their Super Nap which is the main location that houses hundreds of customer’s equipment.

The purpose of this position is to support the installation and commissioning of power monitoring devices in relation to the upkeep and maintenance of electrical power monitoring systems. This individual will work to find creative ways to keep operational costs to a minimum and work outside of the box with team members to improve efficiency. This person will work with Critical Systems, App-Dev, Networking, Orders, Sales, Accounting and Construction teams as needed.

The data center is a 24 hour/7 day operation. This position requires the ability to work effectively under pressure and multi-task and manage multiple projects simultaneously. This person may be required to work extended hours during peak work periods. Team members will be required to communicate and relay information effectively. Work will primarily be in an office setting. The physical demands described here are representative of those 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.

While performing the duties of this job, the employee is regularly required to sit, stand, walk, bend, climb ladders, use hands, operate a computer, and have specific vision abilities to include close and distance vision, and ability to adjust focus working with computer and business equipment. The employee must be able to climb ladders, bend and frequently lift and/or move up to 35 pounds and occasionally lift and/or move up to 100 pounds. If your position requires you to work in the field and/or warehouse, it is mandatory that you wear approved Personal Protective Equipment.

Essential Duties and Responsibilities

- Assist with the planning and implementation of load balancing activities.
- Audit of electrical engineering drawings
- Develop and implement new ideas and solutions to ensure operational efficiency to include operating procedures, training documents, and EPMS dashboards.
- Installation, configuration and maintenance of the electrical power monitoring systems and databases (LDC, PME, DCE, etc.)
- Installation, configuration, maintenance, troubleshooting, and repair of the power monitoring devices
• Provide remote support to external sites as needed
• Travel and assist with planning and oversight of EPMS deployments at Switch site expansions
• Assist with project managing special projects and installations from start to finish

Other Duties:
• Provide assistance to customers when assigned
• Participate in policy and procedure development and maintenance
• Compliance with policies and procedures
• Upkeep of work order documentation and utilization reports
• Communication and coordination of duties with external teams to complete projects or tasks.

MINIMUM QUALIFICATION:
In order to be qualified, you must meet the following requirements:
• Experience working with Mechanical, Electrical and/or Power.
• Have an understanding of communication protocols (Modbus, SNMP, etc.)
• Hands-on and education experience is a huge plus with electrical or mechanical industries
• Must have excellent verbal, written and interpersonal communication skills.
• Ability to express ideas clearly, concisely, and effectively with contractors performing maintenance or upgrade work on systems installed in the data center environment.
• Ability to analyze and make suggestions for problem resolution.
• Ability to solve problems with good initiative and sound judgment.
• Make decisions independently with minimal guidance.
• Have an understanding of electrical systems in a data center environment including transformers, generators, switchgear, UPS systems, DC power systems, ATS/STS units, PDU units, air handling units, cooling towers, and fire suppression systems.
• Have strong background in mechanical, electrical or computer science theory.
• Have an understanding of safety requirements required while operating a multi-megawatt facility.
• Experience interpreting wiring diagrams, schematics, and electrical drawings.
• Have an understanding of communication protocols (Modbus, SNMP, etc.).
• Computer Equipment and Software: Microsoft Suite: Must have MS Word, Excel, Visio, PowerPoint, and Outlook skills
• Must be U.S. Citizen
• Credit Check, Drug Test, Background Check, DMV Check – must have valid driver’s license
• Must have reliable transportation and okay with the commute to USA Parkway

POSITION TYPE: Full-time

DESIRED MAJORS: Mechanical Engineering, Electrical Engineering, Computer Science & Engineering

HOW TO APPLY: Interested students can email their résumé to katmcdonald@teksystems.com