

City of Peru

Job Description

Job Title: Utility Technician

Department: Electric

Reports to: Foreman of Maintenance & Generation

JOB SUMMARY: Programming, operating, and maintaining generators, SCADA, AMI, SONET, GIS maps, and additional equipment.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Performs configuration, troubleshooting, and programming of microprocessor-based devices (PLCs / RTUs / Meters)
- Operates and maintains generators, SCADA system and support functions.
- Performs configuration, troubleshooting, and programming of IOT device data communications protocols used in the electric utility industry.
- Performs configuration, troubleshooting, and programming of geospatial mapping systems.
- Performs wiring installation and troubleshooting for controls and communications systems as necessary. This will involve AC and DC circuitry.
- Operates and maintains pumps, motors, hydraulics, gas, and diesel engines.
- Operates a monorail crane, forklift, and backhoe.
- Troubleshoots pneumatic, hydraulic, and lubricating systems.
- Monitors SCADA system.
- Performs building and grounds maintenance and activities at the Electric Department, substations, and Hydro Plant.
- Produces and maintains drawings and schematics with CAD.
- Responsible for RTU, Meter, PLC programming and maintenance.
- Administrates AMI, Advanced Metering Infrastructure.
- Troubleshoots fiber, serial and ethernet communications.
- Conducts all work safely in accordance with standard work practices and safety standards.

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REQUIRED QUALIFICATIONS AND SKILLS:

- Must establish and maintain residency within 20-mile radius of Peru city limits within six months of hire date.
- Must have valid Illinois driver's license and Class A CDL or the ability to obtain one within 6 months of employment.
- Ability to lift a maximum of 100 pounds, work at heights, or confined spaces.
- Ability to read ladder logic, P&I diagrams, and schematics.
- Must be a team player.
- Must be mechanically inclined.
- Tolerance for working in adverse weather conditions, or other unusual conditions.
- Possible swing shift in flood stage or during emergency generation.
- Ethernet Networking and Serial Communication knowledge
- Familiar with IOT devices programming and data communications protocols used in the electric utility industry.
- Associate degree in Electricity, Electronics, or equivalent.

The essential duties and responsibilities reflect the general details necessary to describe the principal functions of the job identified and shall not be construed as a detailed description of all the work requirements inherent in the job. Other work will be assigned to utilize scheduled time fully or to meet exceptional conditions.