



**Lincoln Electric System
Protection & Controls Engineer**

Located in Lincoln, Nebraska, customer-owned LES is one of the nation’s leading utility companies. We’re recognized for low costs, reliability, financial stability, innovation, environmental stewardship, community involvement and exceptional customer service. So, if you are looking for a career, and not just a job; if you value working in an atmosphere that values passion and talent, high personal standards, service excellence, the environment and the community in which we live- LES may be the place for you. Please note, LES is interested in every qualified candidate who is eligible to work in the United States. However, LES is not able to sponsor employment-based immigrant or non-immigrant visas. This is not a remote position and requires residency within reasonable commuting distance to LES in Lincoln, Nebraska daily.

Job Title		
Protection & Controls Engineer		
Employment Type	Starting Pay Range	Posting Date
Full-time	\$81,166.00 - \$134,178.00	12/05/2023
Employment Classification	Division	Closing Date
Regular	Energy Delivery	12/29/2023

When you see an mho circle, do you keep coming back for more? Maybe making sure equipment alarms get to where they need to go is more your thing. If so, we are looking for a Protection & Controls Engineer to help design, commission, and maintain our substation systems. Successful candidates will have a meticulous attention to detail, the ability to wear multiple hats, and the desire to keep learning.

EDUCATION AND EXPERIENCE

- **Engineer** – (\$81,166 - \$101,458) Bachelor’s degree in Electrical Engineering or related field, or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job.
- **Engineer III** – (\$93,342 - \$116,678) Bachelor’s degree in Electrical Engineering or related field, and at least three years of progressively responsible engineering experience in area of assignment, or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job.
- **Senior Engineer** – (\$107,342 - \$134,178) Bachelor’s degree in Electrical Engineering or related field, and at least six years of progressively responsible engineering experience in area of assignment, or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job.

CORE COMPETENCIES & ESSENTIAL DUTIES

Provides engineering support including analysis, design, implementation, operation, and maintenance of protection systems, controls systems, SCADA (Supervisory Control and Data Acquisition), and technical services. Also included is the material selection, bid evaluations, supervision of consulting services, preparation of feasibility studies, and creating/updating specifications for associated substation

equipment. Leads small to medium projects with minimal guidance. Acts as on-call engineer as assigned outside normal working hours. Consistent and reliable attendance is required.

- Performs the planning, design, analysis, construction, commissioning, integration, installation, operation, and optimization of protection, controls, alarm monitoring and other critical operational systems and applications.
- Designs protection schemes for industrial, balance of plant, and utility substation applications including one-lines, three-lines, DC schematics, and relay settings.
- Evaluates the interoperability, control features, and communication/protocol aspects of protective relays, communication processors, and remote terminal units.
- Performs tasks and develops programs, processes, and documentation to comply with NERC regulatory standards and other applicable Federal, State, and local codes, laws, and standards.
- Revises and evaluates new protection and control schemes and evaluates proposed system changes to determine their effect on existing protection and controls schemes.
- Assists with researching activities pertaining to failure analysis, engineering, and construction practices.

Adaptability – The successful candidate maintains a positive attitude in the face of change; appropriately adjusts behavior and activities to changing conditions.

Initiative – Seeking a candidate that takes action on their own without being prompted; handles problems independently; able to resolve issues without relying on extensive help from others; does more than is expected or asked.

Quality Orientation – The ideal candidate holds self and others to being attentive to detail and accuracy, maintains high quality work, looks for improvements continuously, monitors quality levels, finds root cause of quality problems, owns/acts on quality problems while encouraging a quality focus in others.

Accountability - The individual holds self and others responsible for goals, outcomes, deadlines, and objectives and follows through on commitments. Takes accountability for delivering on commitments; owns mistakes and uses them as opportunities for learning and development.

Job Technical Skills - A person in this role keeps their technical skills current; effectively applies specialized knowledge and skills to perform work tasks; understands and masters the technical skills, knowledge, and tasks associated with his/her job; shares technical expertise with others.

CERTIFICATES, LICENSES, REGISTRATIONS

Valid driver's license

EEO Minorities/Women/Disabled/Veterans

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