

Job Title: Power System Operation Engineer

Located in Lincoln, Nebraska, LES is customer-owned and is one of the nation's leading utility companies. We are recognized for low costs, unmatched reliability, financial stability, cutting-edge innovation, environmental stewardship, and community engagement. We pride ourselves on delivering exceptional customer service while fostering a culture that celebrates passion, talent, and high standards. If you're not just looking for a job but a fulfilling career in a workplace that values excellence, the environment, and the community we call home, LES might just be the perfect fit for you. Join us and power a brighter future!

- LES is interested in every qualified candidate who is eligible to work in the United States.
- LES is unable to sponsor employment-based immigrant or non-immigrant visas.
- This is not a remote position and requires residency within a reasonable commuting distance to LES in Lincoln, Nebraska.

Job Title		
Power System Operation Engineer		
Employment Type	Starting Pay Range	Posting Date
Full-time	\$81,166.00 - \$134,178.00	04/30/2025
Employment Classification	Division	Closing Date
Regular	Energy Delivery	05/14/2025

Jacobian Matrix... Newton-Raphson Iteration... Symmetrical Components... Do these phrases bring a smile to your face? If so, then a career in power system operations may be for you! Understanding power grid operations and the ever-changing state it's in is essential to ensuring reliable power is delivered to every customer, day in and day out. Our Power System Operation Engineer position will give you the opportunity to develop and/or expand your knowledge about how power is generated, delivered across vast distances, and provided directly to our local customers. Your engineering expertise ensures it is done safely, efficiently, and reliably. You will have the opportunity to work with a variety of people who all play a role in keeping the power grid running, as you support all aspects of how electricity is utilized and managed. If you are a technically minded, driven individual, then we have a place for you!

EDUCATION and/or EXPERIENCE

- **Engineer** (\$81,166 – \$101,458) – Degree in Electrical Engineering or related field from an ABET accredited university (bachelor's degree at a minimum), or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job.
- **Engineer III** (\$93,342 - \$116,678) - Degree in Electrical Engineering or related field from an ABET accredited university (bachelor's degree at a minimum), 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) - Degree in Electrical Engineering or related field from an ABET accredited university (bachelor's degree at a minimum), 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 AND ESSENTIAL DUTIES

Provides engineering support including technical analysis, implementation, operation, and maintenance of SCADA (supervisory control and data acquisition) and network applications (state estimator and real-time contingency analyzer), power system simulator, and other department technical services. Aids in maintaining the plans, processes, and procedures required for grid operation and ensures full compliance with applicable regulatory standards related to assigned area. Analyzes and assists in transmission and distribution system outage coordination. Leads small to medium projects with minimal guidance. Assists with training and provides engineering support to System Operators and System Operator Trainers. Acts as on-call engineer, as assigned, outside normal working hours. Consistent and reliable attendance is an essential function of this position.

- Performs engineering studies and analyses related to grid operations including, but not limited to power flow, contingency analysis, system stability, and outage coordination, and maintains the applications needed to perform these tasks.
- Aids in maintaining necessary grid models to support power system operations including, but not limited to SCADA/EMS, network model, and operator training simulator.
- Aids in maintaining the internal control processes for ensuring compliance with the applicable regulatory standards in the System Operation department.
- Provides background information and documentation for management consideration on assigned projects and technical matters involving engineering theories, concepts, and principles.

OTHER SKILLS AND ABILITIES REQUIRED

- Ability to understand circuit breakers, fuses, circuit switchers, transformers, shunt devices and other methods/devices used in the control of power flow, detection and isolation of power system faults.

Initiative - 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 - 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.

Judgment- Bases decisions on a systematic review of relevant facts and information; avoids making assumptions or rushing to judgment; provides clear rationale for decisions.

Job Technical Skills - Keeps his/her 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.

REQUIRED CERTIFICATES, LICENSES, REGISTRATIONS

- Valid driver's license

EEO Minorities/Women/Disabled/Veterans