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**COLORADO RIVER COMMISSION
OF NEVADA**

Unclassified Position Announcement

POWER SYSTEMS ELECTRICAL ENGINEER
(SENIOR POWER FACILITIES ENGINEER)

Las Vegas, Nevada

The Colorado River Commission of Nevada (Commission) is seeking qualified applicants for the position of Power Systems Electrical Engineer for the Commission's Power Delivery Group.

The Commission owns, operates, and maintains significant electrical and communications infrastructure to serve the local purveyors of water with electrical needs for water pumping and wastewater treatment.

The Commission's Power Delivery Group (PDG) is responsible for the development, operations, and maintenance of Commission's high voltage transmission and distribution system that includes both overhead and underground transmission lines. The system includes 27 substations with 230-kV and 69-kV primary voltages and 14.4-kV, 13.8-kV, and 4.16-kV secondary voltages; and associated communication facilities.

EDUCATION AND EXPERIENCE: Bachelor's degree from an accredited college or university in electrical engineering or a combination of education and training with seven years' of experience with increasing responsibility in electrical engineering, design and construction with operation, maintenance, and testing experience preferred.

REQUIRED CERTIFICATION: N/A

EXPECTED JOB DUTIES AND RESPONSIBILITIES:

- Execution and engineering development of operations & maintenance projects across the power system, including one-lines, three-lines, wiring diagrams, schematics, etc..
- Working with our customers on their capital projects across the power system, including review of existing documentation and externally supplied and developed engineering documents.

- Implementing new and updating existing SCADA databases to maintain high data integrity within the control system.
- Development of engineering documentation for current system, and new projects, including but not limited to general arrangements, one-lines, three-lines, AC/DC schematics, wiring diagrams, bill of materials, cable ampacity calculations, etc.
- Development and updating of relay and communication processor settings (primarily SEL based)
- Analysis of fault data to determine root cause and remedies, and development of post event reports.
- Assisting with substation inspections, relaying health report inputs, identification of issues based on inspections, and subsequent O&M project development.
- Providing engineering guidance on daily operations activities and field issues.
- Assist in the internal assessment of the PDG against current and future utility standards (NERC, etc.)
- Shared 24/7 on-call duties for system emergencies.

KNOWLEDGE OF: Power utility safety standards, codes of federal regulations, personal computers and software including programs specific to the power utility industry that include SCADA Systems, Programmable Logic Controllers, Web-based Energy Management Systems, power meter programming, and software system control. Principles of electricity, characteristics of electrical AC and DC circuits, the connections of electrical apparatus, equipment and circuits and their functions and methods of calculation of resistance, volts, amps, and watts.

APPROXIMATE GROSS SALARY: Starting salary depends on education, experience, knowledge, and abilities of a candidate to fulfill the needs of the position. Candidates with less experience may be considered with a lower starting salary with the opportunity for increases over time as the candidate grows in the position. The salary range for this position is:

Employee/Employer Paid PERS¹ \$90,000 to \$116,920.

If the Employer Paid PERS retirement plan is chosen the salary range is adjusted lower.

The position is exempt from (FLSA); serves at the will of the Executive Director; and under the Supervision of the Assistant Director of Engineering and Operations. Employment with the Commission for this position is contingent upon background check including criminal history check.

¹ PERS – Public Employees' Retirement System of Nevada

BENEFITS PROVIDED: The State benefits package includes:

- Choice of five or four-day work week
- Work vehicle, paid gas and maintenance for access to remote work sites
- Eleven paid holidays,
- No State income tax,
- Paid annual leave and sick leave, after appropriate waiting periods,
- Option of deferred compensation program.
- Enrollment into the Public Employees' Retirement System (www.nvpers.org),
- Choice of health insurance plans (www.pebp.state.nv.us),

LOCATION:

The position is in Las Vegas, Nevada, that is a growing and vibrant city, with many options for entertainment, dining and sports teams that include the NFL's Las Vegas Raiders, the NHL's Las Vegas Knights, WNBA's Las Vegas Aces and the University of Nevada football and basketball programs. There are many entertainment options on the Las Vegas strip, or recreation options at Lake Mead, Mt. Charleston, Red Rock National Park and in proximity of other destinations by short flights or driving to nearby California, Arizona or Utah for a multitude of recreation and entertainment opportunities.

DEADLINE: Applications will be accepted until the position is filled.

Submit a cover letter and résumé to:
Gina Lee Goodman
Executive Assistant Manager
Colorado River Commission of Nevada
555 E. Washington Avenue, Suite 3100
Las Vegas, NV 89101

E-mails submissions will be accepted and should be sent to:
ggoodman@crc.nv.gov

Note to Applicant: In your letter of interest please indicate how you heard about the position if you heard about this position through a website, please specify which website.

Posted: September 2024