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**COLORADO RIVER COMMISSION
OF NEVADA**

Unclassified Position Announcement

POWER SYSTEMS ENGINEERING MANAGER

(Power Facilities Manager)

Las Vegas, Nevada

RECRUITMENT OPEN TO: The Colorado River Commission of Nevada (Commission) is seeking qualified applicants for the position of Power Systems Engineering Manager for the Commission's Power Delivery Group.

RECRUITMENT: Open to all qualified candidates, the vacancy is in Las Vegas, Nevada.

POSITION STATUS: 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.

AGENCY RESPONSIBILITIES: The Commission receives and holds in trust water and hydropower allocations for the benefit of the State of Nevada and the agency's customers that are in southern Nevada. 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.

BACKGROUND OF POWER DELIVERY GROUP: The Commission's Power Delivery Group is responsible for the development, operations, and maintenance of CRC's high voltage transmission and distribution system. The Commission's transmission and distribution system, includes both overhead and underground transmission lines, 17 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. The position is also responsible for the operation and maintenance of any of the Commission's customer facilities pursuant to contracts with its customers.

EDUCATION AND EXPERIENCE: Bachelor's degree from an accredited college or university in engineering or closely related field and seven years increasingly responsible experience in high voltage substation engineering, design and construction (operation, maintenance, and testing experience preferred); or two years of experience as a Power Facilities Manager in Nevada State service.

REQUIRED CERTIFICATION: Professional Engineer, capable of receiving Nevada Professional Engineer status within 3 months of hiring.

EXPECTED JOB DUTIES AND RESPONSIBILITIES:

- Identification and development of Operations & Maintenance projects across the power system, including scoping, budgeting, scheduling, and engineering tasks.
- Working with our customers on their Capital projects across the power system, including scoping, budgeting, scheduling, and management of external engineering contractors.
- 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.
- Primary manager of the system modeling software, performing load flow studies, short circuit analysis, arc flash analysis.
- Assisting with substation inspections, relaying health report inputs, identification of issues based on inspections, and subsequent O&M project development.
- Assisting ADEO with creation of Capital and O&M budget by customer group.
- Coordinating system outages with stakeholders for execution of identified project work.
- Providing engineering guidance on daily operations activities.
- Development and maintenance of engineering standardized processes, including typical relaying and communications implementations, SCADA data management, CADD drafting standards, project development, etc.
- Assist in the internal assessment of the PDG against current and future utility standards (NERC, etc.)
- Liaison with customer engineering managers and project managers.
- Shared 24/7 on-call duties for system emergencies.
- Time sheet review and approval of direct reports.
- Management, mentoring and tutoring of direct reports.

KNOWLEDGE OF: Power utility safety standards, codes of federal regulations, Nevada Revised Statutes, and Nevada Administrative Code; personal computers and software including programs exclusive to the power utility industry (SCADA Systems, Programmable Logic Controllers and 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. Methods of calculation of resistance, volts, amps, and watts. *(The above list is representative only and does not cover the full range or scope of knowledge required for this position.)*

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 \$120,000 to \$136,808.

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

BENEFITS: The State benefits package includes enrollment into the Public Employees' Retirement System (www.nvpers.org), a choice of health insurance plans (www.pebp.state.nv.us), eleven paid holidays, no State income tax, and paid annual leave and sick leave, after appropriate waiting periods. Other optional benefits are also available, including a deferred compensation program.

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

Submit a cover letter and résumé to:

Gina Lee Goodman

Executive Assistant Manger

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: June 2024

¹ PERS – Public Employees' Retirement System of Nevada