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COLORADO RIVER COMMISSION
OF NEVADA

Unclassified Job Announcement

**Natural Resource Specialist
(Hydropower Engineering Specialist)**

The Colorado River Commission of Nevada (CRCNV) serves the communities of the State by responsibly managing and protecting Nevada's allocated share of the Colorado River water and power resources.

The CRCNV is seeking qualified applicants for the position of Hydropower Engineering Specialist. This is an unclassified position, at will, full-time exempt position within the State of Nevada.

Recruitment: Open to all qualified candidates, vacancy in Las Vegas, Nevada

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire.

Salary: Depending on experience, salary range of \$75,000 to \$113,506/year

Applicants Will Be Accepted Until: August 24, 2018

JOB DESCRIPTION:

The Hydropower Engineering Specialist supports the hydropower function of the Colorado River Commission of Nevada ("CRCNV") by analyzing data trends, work plans, model results, resource forecasts, budgets, rate projections, and other technical documents provided to the CRCNV to ensure that federal hydropower continues to be provided to the CRCNV and its customers at reasonable, cost-based rates. The Hydropower Engineering Specialist reports to the Hydropower Program Manager and, at the direction of the Hydropower Program Manager, uses mathematical and analytical tools to produce forecasts, examine data trends, and research data anomalies that could impact hydropower resource costs. The Hydropower Engineering Specialist uses his or her engineering skills to review cost-benefit analyses presented by the federal agencies and develops the agency's position to support or disapprove of federal work plans.

PRIMARY JOB FUNCTION:

- Review work plans, budgets, and studies provided by the Bureau of Reclamation for the operation, maintenance and engineering of Hoover, Glen Canyon, Davis and Parker dams and recommend approval, disapproval, or modifications of work plans, budgets, and studies.
- Review work plans, budgets, and studies provided by Western Area Power Administration for the operation, maintenance and engineering of the Parker-Davis and Intertie Transmission systems and recommend approval, disapproval, or modifications of work plans, budgets, and studies.
- Attend hydropower and transmission related technical forums hosted by the federal agencies and, as directed, represent the Commission in technical discussions with the federal agencies and other contractors on prudent resource management and cost control measures.
- Analyze technical and operational data provided by the federal agencies to understand Hoover, Parker-Davis, and Glen Canyon operational trends and analyze the impact of those trends on future resource costs.
- Obtain data and information from independent sources to monitor the value the CRCNV's hydropower resources and understand the risks to that value.
- Assist in the development of short-term and long-term resources forecasts that drive the agency's hydropower budget and communicate the risk in that forecast to CRCNV management.
- Prepare and distribute a variety of reports on the performance of the agency's contracts and assets.

KNOWLEDGE, SKILLS AND ABILITIES

An applicant should have a thorough knowledge of the principles and theory of electrical power generation, a basic understanding of the operation of dams, federal hydropower projects and hydropower generation. An applicant should have a basic understanding of electrical power transmission principles and interconnected power system operations. An applicant should have basic knowledge of forecasting techniques, ability to analyze data using mathematical concepts and statistics in order to draw reasonable conclusions from that data and be proficient in Microsoft Excel.

Ability to communicate with CRCNV Staff, Customers, and Commissioners using oral and written forms of communication.

EDUCATION AND EXPERIENCE: Graduation from an accredited college or university in one or more engineering disciplines (electrical, mechanical, civil, industrial, etc.), and four years of increasingly responsible experience in the areas of power system generation and/or transmission planning, engineering, or operations; OR an equivalent combination of education and experience in a related industry.

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

E-mail 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: July 23, 2018