

# Dowdy Recruiting, LLC

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## **PRINCIPAL ELECTRICAL ENGINEER SUBSTATION DESIGN & AUTOMATION BURBANK WATER AND POWER (BWP) BURBANK, CALIFORNIA**

### **PROFILE**

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BWP's power delivery infrastructure has been evolving as it slowly replaces its 1940 to 1960 legacy system. BWP currently serves 54% of its load through its 4kV legacy system which is both being upgraded with new relays and slowly being replaced with its 12kV distribution system. The City plans to build one 69/12kV GIS substation with state of the art automation to help meet load growth, voltage conversion, and "Smart Grid" application. BWP is seeking a Principal Electrical Engineer to not only manage the design and construction of a new GIS substation with SCADA interface and automation among other projects, but to help mentor and develop an existing staff of engineers.

The Principal Electrical Engineer reports to the Manager, Transmission and Distribution Engineering and will supervise a staff of three to five direct reports. The Principal Electrical Engineer will be the project manager for the proposed 69/12kV GIS substation.



### **REQUIREMENTS**

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The ideal candidate will have ten to fifteen years of experience including at least five years in a leadership role. Successful candidates will be able to develop and lead a team of engineers but should also possess the ability to advance in the organization as well.

Other Requirements:

- Ten or more years experience in substation design including protection engineering, SCADA interface, and related communication networks.
- Experience in Project Management, managing scope, timelines, and budgets for major substation construction projects.
- Experience in modern micro processor relays and protection coordination.
- Thorough knowledge and understanding of System Planning.
- Thorough knowledge of Distribution Management System and Distribution Automation.
- Ability to lead and be a consensus builder among a diverse workgroup.
- Ability to run power-flow and short circuit studies.
- Possess exposure to Smart Grid technologies and implementation.

BWP strongly desires an electrical engineering degree, but will also consider candidates who have any combination of education and/or experience that has provided the knowledge, skills, and abilities necessary to perform as determined by BWP. Candidates will possess a Professional Engineer's license or have the ability to obtain one immediately.

Project Management certification is highly desired as well.



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## **BURBANK WATER AND POWER (BWP)**

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BWP provides electric and water services to an urban center in greater Los Angeles that boasts media giants Walt Disney Company, the Disney Channel, Warner Bros., NBC's West Coast Headquarters, Nickelodeon, and the Cartoon Network.

In addition to its own on-site generation, BWP is the Operating Agent for a JPA which owns and operates a 310MW state-of-the-art combined-cycle power plant; BWP also owns and operates a carrier-grade fiber loop serving the major studios and others on high-grade Ethernet or dark fiber service, ONE Burbank

BWP's total operating revenues are \$340 million. BWP has 327 employees.

The Burbank City Council and BWP Board are progressive and supportive. BWP also enjoys supportive and healthy relationships with its union representatives.

## **CITY OF BURBANK**

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The City of Burbank hugs the eastern San Fernando Valley, nestled between the Hollywood Hills and the Verdugo Mountains. Its 17 square miles contain a diverse resident population of 107,000 and a working population that exceeds the number of residents (it is an urban City). Its excellent school system, extensive shopping choices, moderate year-round climate, tree-lined neighborhoods, and many parks make Burbank an excellent place to call home. Los Angeles and its many entertainment and cultural attractions are only a short drive away, with the beach to the west and the San Gabriel Mountains to the east.

## **COMPENSATION**

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Compensation is open and dependent upon experience. Excellent benefits are included.

## **RELOCATION**

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BWP will pay the customary costs of relocation.



## **BENEFITS**

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BWP has outstanding City-paid medical, dental, and vision plans, as well as an excellent PERS retirement plan paid for by the City and a retiree medical plan. Salary is not subject to social security.

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**New Substation**



**Magnolia Power Project**

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