

CITY OF ALAMEDA
invites applications for the position of:



Distribution Engineer (Electrical)

SALARY: \$40.86 - \$49.66 Hourly
\$76,489.92 - \$92,963.52 Annually

DEPARTMENT: Alameda Municipal Power

OPENING DATE: 04/02/19

CLOSING DATE: 04/18/19 05:00 PM

FLSA STATUS: Non-Exempt

NATURE OF POSITION:

Alameda Municipal Power (AMP) is currently recruiting for a Distribution Engineer.

This is an exciting opportunity to be a part of a highly skilled team of electrical engineers and perform work that has a significant impact in the local community. Please note that this position is 36 hours per week over 4 days (Monday through Thursday or Tuesday through Friday) but is considered full-time with benefits. Please read on to learn more about AMP and this career opportunity.

About Alameda Municipal Power

In 1887, the City of Alameda paid \$20,000 for the installations of 13 streetlights and a 90-kW generating station to power them. And with that, the oldest public electric utility west of the Mississippi was created. Today, the City of Alameda is still in the power business and still a trendsetter. Now known as Alameda Municipal Power (AMP), we have survived over a century and a quarter of utility mergers that created behemoths in other places. AMP has provided safe reliable power at lower rates without sacrificing service to power our community. We maintain local control so that we can re-invest in the island and provide value to enrich our lives, businesses, and the community. We've seen a lot of change in 132 years, but through it all there's been one constant: We're as committed today to delivering safe and reliable electricity to the residents and businesses of Alameda as we were in 1887. We'll continue to invest in new and improved ways of doing business to manage costs, improve our service, and improve the environment.

About the Division/Position

The Engineering Division is responsible for the planning and technical aspects of the electrical transmission and distribution system. They maintain system maps and drawings, perform customer service planning and system design, create material and construction specifications, administer the joint pole program, and perform technical system studies.

Here are some examples of typical job duties:

- Assists in the preparation of plans, specifications and estimates for various electrical utility installations; researches project design requirements, determines applicable standards, performs engineering calculations and prepares estimates of time and material costs.
- Assists in the performance of various feasibility studies; system planning; system protection; power quality analysis; transformer loading and voltage surveys; prepares estimates and feasibility reports for new or modified electrical transmission, distribution and substations projects.
- Monitors system power factor reports; recommends capacitor installation and prepares capacitor control settings to maintain system power factor.

- Prepares special conditions and technical specifications for electrical equipment to be purchased and recommends installation; writes and reviews material standards and operating procedures.
- Reviews bids and proposals, recommending award of contracts and monitoring progress of capital improvement projects and professional services contracts.
- Investigates field problems affecting property owners, contractors and maintenance operations; works with and provides guidance for the utility's customers in matters pertaining to system protection, demand control, and power factor correction.
- Determines electrical requirements for service to special facilities, service upgrades, residential tracts and commercial developments; and obtains easements and right-of-ways for department facilities

Qualifications to Apply

Education: Graduation from an accredited four year college or university with major course work in electrical engineering, construction management and/or utility project management.

Experience: Construction project management and/or estimating is desirable, electrical emphasis preferred.

Possession of an Engineer in Training certificate is desirable.

We will also consider an equivalent combination of education and experience that meets the stated requirements in the job description.

Please click [here](#) to view the job description for Distribution Engineer.

Selection Process

Applications and questionnaires will be evaluated and candidates whose experience is evaluated as "best qualified" will be invited to an examination process. The examination for this recruitment will consist of a questionnaire review and a structured panel interview. **The interviews are tentatively scheduled for the week of May 6, 2019**

Highlighted Benefits

- 4 day work week/36 hours per week
- Employer-paid medical contribution covers premiums for you and your family
- Employer-paid dental contribution covers premiums for you and your family
- Generous pension program (CalPERS retirement)

The examination process may test for, but is not limited to, the essential knowledge and abilities listed in the job specification and announcement and will be designed to provide a comprehensive review of each candidate's technical knowledge and overall suitability for the position. Qualified applicants will be notified of the exact date, time, and location of examinations approximately two weeks in advance. If applicants have not received written notice at least one week prior to the tentative test date listed in the flyer, they should contact the City of Alameda Human Resources Department at (510) 747-4900.

Candidates passing all components of the examination process will be placed on an Eligible List. A list of names is certified to the department(s) having vacancies based on the type of examination conducted pursuant to the provision of the City's Civil Service Rules. Final selection will be made from the Eligible List by the Department Head subject to approval by the City Manager. The Department Head may utilize additional selection procedures to make a final hiring decision. Placement on an Eligible List does not guarantee employment. Prior to appointment, a thorough reference check will be conducted which may include a credit check and background. The selection process may be evaluated and revised based on the number of qualified applicants. Federal law requires that prior to employment, you must furnish proof of your identity and eligibility for employment in the United States, as required by U.S. Citizenship and Immigration Services.

VETERAN'S PREFERENCE CREDIT: A job applicant qualifies as a veteran if honorably discharged from active military, reservist, or National Guard duty of at least 18 consecutive months within the past five (5) years of the date of application. In case of discharge attributable to service-connected injuries or illnesses, the 18 months active duty requirement need not be fulfilled. An applicant claiming veteran's preference credit must attach to their application, a legible copy of their DD-214 verifying the type of discharge and date(s) of active service. **NO OTHER DOCUMENTATION WILL BE ACCEPTED.**

AN EQUAL OPPORTUNITY EMPLOYER: The City of Alameda encourages minorities, women and the disabled to apply. It is the City's policy that all aspects of employment and promotion shall be without regard to sex, marital status or disability (except where dictated by requirements of the position), race, sexual orientation, political affiliation, religious creed, color, national origin or age. Qualified disabled persons must be able to perform the essential functions of the position with or without reasonable accommodations. No individual may pose a direct threat to the health or safety of himself/herself or other individuals in the workplace. Barring undue hardship, reasonable accommodations can be made in the application and examination process for disabled individuals or for religious reasons. Requests for reasonable accommodation should be made in advance to the Human Resources Department. Hearing Impaired TDD (510) 522-7538.

The information contained herein is subject to change and does not constitute either an expressed or implied contract.

APPLICATIONS MAY BE FILED ONLINE AT:
<https://www.alamedaca.gov/Departments/Human-Resources>

Position #2019-7260-01
DISTRIBUTION ENGINEER (ELECTRICAL)
SN

2263 Santa Clara Avenue, Rm. 290
Alameda, CA 94501
(510) 747-4900

HR@alamedaca.gov

Distribution Engineer (Electrical) Supplemental Questionnaire

- * 1. Describe (with sufficient detail) a work or school project that illustrates your knowledge of electrical engineering principles. Specify the work you were responsible for and include any equipment or software programs you used.

- * 2. Describe your experience in one of the following areas (include work projects, school projects, and related school coursework): electrical distribution system planning; electrical system protection; power quality analysis; transformer loading and voltage surveys; electrical estimate preparation and feasibility reports for new or modified electrical transmission or distribution or substation projects.

- * 3. Do you have your Engineer-in-Training certificate?
☐ Yes ☐ No

* Required Question