

CITY OF ALAMEDA
invites applications for the position of:



Distribution / Electrical Engineer (4- day, 36-hour work week)

SALARY:	\$57.96 - \$70.45 Hourly \$108,503.00 - \$131,886.00 Annually
DEPARTMENT:	Alameda Municipal Power
OPENING DATE:	07/13/21
CLOSING DATE:	Continuous
FLSA STATUS:	Exempt
NATURE OF POSITION:	

Distribution Engineer / Electrical Engineer (4-day/36 hour work week)

Alameda Municipal Power (AMP) is currently recruiting for a Distribution Engineer or Electrical Engineer. This is a full-time position with a **4-day/36-hour work week**, with an **outstanding benefits** package including a **pension plan** and a modern **work-life balance**.

This is an exciting opportunity to be part of a great team making a significant impact in the local community. Read on to learn more about AMP and this career opportunity.

About Alameda Municipal Power

AMP was founded in 1887 and is one of the oldest continuously operating electric utilities west of the Mississippi River. The utility has just over 35,000 customers comprising approximately 30,000 residential accounts and 5,000 commercial/government accounts. As a community-owned utility, AMP has much to offer its customers including the delivery of 100% clean energy (among the first in the nation to do so); rates that are 20% below the neighboring investor-owned PG&E; and a power reliability record that is among the top in western states.

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 over 130 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

This is a dynamic time for electric utilities and AMP's Engineering & Operations Division plays a key role in shaping the design, construction, and operation of the transmission and distribution

system. The Engineering Section works very closely with the Operations Section (Line, Substations, Metering, and System Control) to achieve safe and reliable distribution of electricity every day.

As part of the team, you will have the opportunity to create and implement a variety of programs that help in achieving AMP's goals and vision.

We are looking for a colleague with exceptional technical knowledge, program and project management skills, attention to detail, excellent communication skills, and an interest in learning new skills to meet the ongoing needs of the highly dynamic energy sector

DISTINGUISHING FEATURES:

EXAMPLES OF DUTIES:

Examples of Duties - Distribution Engineer:

- 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.

Examples of duties - Electrical Engineer:

- Prepares and may supervise the preparation of plans, specifications and cost estimates for the construction and repair of overhead and underground electric power transmission and distribution systems.
- Manages utility construction projects, taking responsibility for contract administration, schedule coordination, public relations, liability claims, inter-utility coordination, and quality control. Field decisions and supervision of tests may be required.
- Makes recommendations for the electric utility in areas such as electric power, transmission, distribution substations, system operation, system protection, metering, energy management, lighting, communications, load forecasting, system planning, budget planning, transmission and distribution routing studies and easement acquisition.

- Works with and provides guidance to the utilities' customers in establishing utilities' service requirements and efficient usage and outside consultants working on major programs.
- Coordinates construction operation and maintenance of system transmission, distribution and generation with other utilities.
- Monitors utility compliance with State and Federal regulations; makes recommendations and may develop and implement procedures for compliance.
- Develops and implements operation, maintenance, and testing procedures for utility facilities.
- Performs complex electrical calculations and analysis; conducts various studies in areas such as protection coordination, system planning and load forecasting.
- Assists in long-range planning of utility capacity and reliability.
- Assists in the preparation of the utility's annual budget and capital improvement plans.
- Supervises, trains and evaluates assigned staff.

EMPLOYMENT STANDARDS:

Qualifications to Apply

Distribution Engineer Education and Experience:

The Distribution Engineer requires graduation from an accredited four year college or university with major course work in electrical engineering, construction management, and/or utility project management.

We will also consider an equivalent combination of education and experience that meets the stated qualifications. Please click [here](#) to view the full Distribution Engineer job description.

Electrical Engineer Education and Experience:

The Electrical Engineer requires graduation from an accredited four year college or university with major course work in Electrical Engineering, and three years of professional utility power system engineering experience. The Electrical Engineer also requires registration as a Professional Electrical Engineer with the State of California.

We will also consider an equivalent combination of education and experience that meets the stated qualifications. Please click [here](#) to view the full Electrical Engineer job description.

Please submit an **online application** detailing your work experience and attach a **cover letter** and **resume**.

Selection Process

Applications will be evaluated and candidates whose qualifications are 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 oral interview panel. The questionnaire will be administered via email after the application review process and the **interviews will be scheduled at a mutually convenient time for AMP and the applicants.**

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 the U.S. Citizenship and Immigration Services.

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)
- Learn more about our benefits [here](#) (Download PDF reader).

E-VERIFY: The City of Alameda utilizes the Federal government's E-Verify program and new employees must provide documentation to establish both identity and work authorization, which includes showing a valid United States Social Security card at the time of hire (photocopies not accepted).

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/Administration/Human-Resources>

Position #2021-7230-02
DISTRIBUTION / ELECTRICAL ENGINEER
(4-DAY, 36-HOUR WORK WEEK)

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