



CITY OF LOMPOC
invites applications for the position of:
**Electrical Utility
Technician I/II**

SALARY: \$36.65 - \$46.36 Hourly
\$2,932.27 - \$3,708.87 Biweekly
\$6,353.26 - \$8,035.89 Monthly

OPENING DATE: 07/30/20

CLOSING DATE: 08/31/20 11:59 PM

DEFINITION/SELECTION PROCESS:

THIS RECRUITMENT IS ESTABLISH AN ELIGIBILITY LIST FOR A CURRENT POSITION AND FOR FUTURE VACANCIES. Interested applicants must submit online City application by the filing deadline -- NO PAPER APPLICATIONS WILL BE ACCEPTED.

If you forget your password, have application login problems, or get an error message during the application process, please call the NeoGov helpline at **1-877-524-5627** for assistance.

The City reserves the right to stop accepting applications prior to the posted deadline, if sufficient numbers of qualified applications are received. Therefore, applicants are encouraged to apply as early as possible. The recruitment is officially closed once it has been removed from the City's website.

The **Electric Utility Technician** is a flexibly staffed position allocation. Under supervision, to perform work in the installation, testing, maintenance, calibration, troubleshooting, monitoring, repair and modification of receiving stations, substations, equipment, devices, and appurtenances associated with the City's Electric and Broadband Utility's infrastructure and facilities, such as electric generation metering equipment, transmission, distribution, telemetering, revenue metering, communications and data systems; and to perform other specifically related work as required.

Electrical Utility Technician I: \$6,047 - \$7,649 per month

Electrical Utility Technician II: \$6,484 - \$8,206 per month

(May be appointed at either level, depending on candidate's current EUT level and qualifications. If appointed at EUT I level, may be career ladder, at a later date, to the II level, depending on performance and qualifications).

Electrical Utility Technician I – Under immediate supervision, positions in this entry-level job class typically perform progressively responsible duties that constitute on-the-job training in all phases of skilled electrical utility work to gain the knowledge and proficiency necessary to acquire journey-level skills. Incumbents in this entry class will have one (1) year of experience in the maintenance and repair, and testing of electrical equipment as a journey-level electrician or journey-level electrical line worker experience.

Electrical Utility Technician II – Under general supervision, positions in this skilled, journey-level job class perform the full range of a variety of technical, skilled and semi-skilled electrical utility duties with complete technical and working knowledge of all devices, equipment, infrastructure, and appurtenances used by the City's Electric and Broadband Utilities. Level II incumbents may assist, instruct, and provide support to entry-level I incumbents in the performance of duties assigned.

ALLOCATION FACTORS: Complexity of duties; level of technical skill utilized; exercise of

independent judgment and decision-making; and consequences of decisions made. These positions are flexibly staffed and incumbents at level I are eligible for consideration of advancement to level II after completion of a minimum of two (2) years in their current assignment and satisfactory performance, attainment and demonstration of the requisite knowledge, skills, and abilities, and/or required certification acquired.

EXAMINATION PROCESS: Based upon screening of the **City application, résumé, and responses to supplemental questions**, applicants whose qualifications best meet the requirements of the position will be invited to the examination process. This process may include, but is not limited to, written exam, performance exam, and/or panel interview, each of which consists of an evaluation of some of the essential knowledge, skills, abilities, and job related experience listed below. Those candidates who pass the examination process are placed on an eligibility list from which the final selection will be made.

SELECTION PROCESS: As authorized by City policy, applicants being considered for hire in this position may be subject to fingerprinting for purposes of investigating criminal history background. In addition, appointment may be subject to successful completion of a pre-employment medical examination (based upon job-related physical standards) by a City-designated physician.

Failure in any one part of the examination or selection processes will disqualify a candidate from further consideration.

ESSENTIAL FUNCTIONS/EXAMPLES OF DUTIES:

The following duties are typical of this classification. Incumbents may not perform all of the duties and/or may be required to perform specific additional or different duties from those set forth below to address business needs and changing business practices.

ALL LEVELS: Controls, installs, maintains, monitors, operates, programs, repairs, tests, and troubleshoots equipment, devices, and appurtenances associated with the City's Electric and Broadband Utility's infrastructure, including but not limited to: electronic metering systems, circuit breakers, transformers, fault interrupters, capacitors, timers, switches, lighting systems and emergency generator system. Performs low, medium and high-voltage Sub-station work in the operation and maintenance of an electric receiving and distribution substation; participates and assists in primary substation switching; installs and maintains various types of telecommunication and equipment to include SCADA, fiber optic equipment, Ethernet and phone systems; troubleshoots complicated control and relaying schemes; tests, maintains, and troubleshoots all components using computer software; reads and records findings from voltmeters and charts in substations; reads, records and calculates readings of revenue and equipment monitoring meters; maintains and tests storage batteries; responds to customer complaints and inquiries; controls and monitors the City's electrical distribution system; installs electrical revenue metering equipment and appurtenances; installs revenue metering and relay protection potential/current transformers, tests switches, and associated wiring; participates in the design and work order processes for all related duties; performs pre/post inspections and installs/maintains new/existing commercial, residential, and electrical service equipment and electrical revenue metering; installs solar and renewable energy generation production metering equipment and appurtenances; prepares written switching orders and directs field switching operations; prepares written logs and reports of equipment test results and recommended corrective action; performs scheduled preventative maintenance; respond to emergency and trouble class; keeps labor, location and material records; attends Division monthly safety meetings and training; operates City vehicles; and performs other duties related to the operation of the department and the City including additional duties that enable the department and City to meet the diverse needs of its community.

If you are unable to perform the essential functions of the position for which you are applying, either with or without reasonable accommodation, please notify Human Resources at (805) 875-8208.

TYPICAL QUALIFICATIONS:

Include any combination of training, education, and experience which demonstrates an ability to perform duties of the position. The typical qualifying entrance background is:

EDUCATION AND EXPERIENCE: High school graduation or General Education Diploma (GED) **AND**

Electrical Utility Technician I: One (1) year of experience in the maintenance and repair, and testing of electrical equipment as a journey-level electrician or journey-level electrical line worker experience.

Electrical Utility Technician II: Two (2) years of experience as a journey-level experience performing related duties and training in advanced substation maintenance. Specialized training or completion of college or trade school courses specializing in power substation and relaying or related electronics or electrical technology field highly desirable.

LICENSE REQUIRED: Possession of a valid and appropriate California driver's license. HAZMAT and Bucket Truck Rescue certifications are required. Possession of rubber gloving certification highly desirable.

KNOWLEDGE OF: Methods, procedures, materials, tools and equipment used in the construction, maintenance and repair of electrical receiving stations, substations, circuit breakers and related equipment and facilities; principles, materials, installation methods, testing, maintenance and equipment operation used in distribution systems; general principles of electrical systems and electrical theory; principles of electrical and electronic repair, maintenance and system design; various electronic components and circuits; basic math; simple recordkeeping; tools used in electrical installation and repair work; electrical and other codes as applicable; constructions and inspection rules; safe work practices; first aid and the methods of applying resuscitation; safety rules and regulations applicable when working on or around energized equipment.

In addition to above, Electrical Utility Technician II: Principles, methods materials and equipment used in the installation, testing, maintenance, operations and modification of electronics equipment; complex principles of electrical and electronic repair, maintenance and system design; computer controlled test equipment; complex control electric and electronic schematics; commercial/residential medium/low voltage electrical service equipment; commercial/residential electrical revenue metering equipment/devices; electrical power distribution system equipment; broadband WIFI communications equipment; advanced System Control & Data Acquisition (SCADA) equipment; and Real Time Automation Controller (RTAC) and digital relay protection solid-state devices.

ABILITY TO: Control, install, maintain, monitor, operate, program, repair, test, and troubleshoot all equipment, devices, and appurtenances associated with the City's Electric and Broadband Utility's infrastructure; use precision instruments and testing equipment to obtain specified performance; use tools and equipment in performing phases of substation maintenance work; use electrical equipment/instruments to locate and repair defects; operate computer-based equipment; write reports and maintain accurate records; communicate clearly and concisely, both orally and in writing; understand and carry out oral and written instructions and directions; read, write and perform mathematical calculations at the level required for successful job performance; maintain control and remain professional and courteous in emergency and other work situations under adverse conditions; operate a vehicle observing legal and defensive driving practices; and establish and maintain effective working relationships with those contacted in the course of work.

In addition to above, Electrical Utility Technician II: General principles of electrical systems and electrical theory; troubleshoot and repair a wide variety of electrical and electronic equipment and devices; develop, control, and implement distribution system switching procedures; read and interpret schematics and blueprints; analyze electrical and electronic prints and schematics; read and interpret various diagrams, devices and computer generated data; work independently with limited direct supervision; and quickly, accurately, and effectively

assess an emergency situation and take appropriate action.

SUPPLEMENTAL INFORMATION:

PHYSICAL AND MENTAL/PSYCHOLOGICAL DEMANDS: *The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

PHYSICAL: Strength: Heavy - Exert force of 50-100 pounds occasionally, or 25-50 pounds frequently, or 10-20 pounds constantly to lift, carry, push, pull, or move objects. Frequently stand or walk, bend, stoop, squat, push/pull, twist at the waist, reach below or at shoulder level, and occasionally above shoulder level. Occasionally sit, crouch, kneel, and climb stairs, ladders and scaffolding, finger/type, perform simple and power grasping and fine manipulation. Frequently extend neck downward or from side to side and occasionally upward. Rarely crawl. **Vision:** Visual acuity which could be corrected sufficiently to perform the essential functions of the position; average depth perception needed. **Hearing:** Hearing ability to effectively hear and comprehend oral instructions and communication.

MENTAL/PSYCHOLOGICAL: Work cooperatively and interact appropriately with those contacted in the course of work, including the general public; read/comprehend simple material; utilize math skills; utilize writing skills; understand, remember and carry out complex job instructions. Respond quickly to changing priorities; deal with the general public; communicate effectively orally; work under pressure; work within deadlines.

ENVIRONMENTAL CONDITIONS: Constantly work outdoors, occasionally indoors. Frequently work around machinery, drive or operate vehicles/equipment. Occasional exposure to dust, fumes, smoke, gases, and odors, solvents, grease, or oil. Occasional exposure to excessive noises, chemicals, electrical energy and to slippery or uneven walking surfaces. Occasional use of computer. Rare exposure to flames/smoke, extreme temperatures and work at unprotected heights. Work both alone and with others. Incumbents must perform hazardous work under emergency and in all weather conditions.

APPLICATIONS MAY BE FILED ONLINE AT:

<http://agency.governmentjobs.com/lompocca/default.cfm>

100 Civic Center Plaza
Lompoc, CA 93438
805-875-8208

HR@ci.lompoc.ca.us

Position #2210119
ELECTRICAL UTILITY TECHNICIAN I/II
JB

Electrical Utility Technician I/II Supplemental Questionnaire

- * 1. The information provided in your application must support your selected answers in the supplemental questions. The information you provide will be verified and documentation may be required. Please be as honest and accurate as possible. You may be asked to demonstrate your knowledge and skills in a work sample or during an interview. By completing this supplemental questionnaire you are attesting that the information you have provided is accurate. Any misstatements, omissions, or falsification of information may eliminate you from consideration. "See Resume" is not an acceptable answer to the questions.
- Yes, I understand and agree
 No, I do not agree
- * 2. What is the highest level of college education do you possess?

- No degree
 - Some college
 - Associate Degree
 - Bachelor's Degree
 - Master's Degree
- * 3. What best describes your journey-level electrical line worker experience?
- No Experience
 - Unskilled Level (Less than 1 year)
 - Trainee Level (1 year to less than 2 years)
 - Semi-Skilled Level - Some experience (2 years to less than 3 years)
 - Skilled Level - Highly experienced (3 years to less than 5 years)
 - Advanced Skilled Level - Extensive experience (5+ years)
- * 4. What best describes your level of electrical substation work experience?
- No Experience
 - Unskilled Level (6 months less than 1 year)
 - Trainee Level (1 year to less than 2 years)
 - Semi-skilled Level - Some experience (2 years to less than 3 years)
 - Skilled Level - Highly experienced (3 years to less than 5 years)
 - Advanced Skilled Level - Extensive experience (5+ years)
- * 5. Do you possess any related electrical certification, education, and/or training?
- Yes No
- * 6. If YES, please list where and when the certification was completed. If NO, enter N/A
- * 7. To be considered for this position applicants must possess a valid commercial driver's license (CDL). Please indicate what type of driver's license you currently possess.
- California CDL Class "B"
 - California CDL Class "A"
 - Out-of-State CDL Class "B"
 - Out-of-State CDL Class "A"
 - Non-Commercial (i.e. Class "C")
 - None of the above
- * 8. Please acknowledge that you understand that a valid DMV printout is required to apply for this position and that you've attached or will forward this mandatory documentation to Human Resources PRIOR to the closing date indicated.
- Yes No
- * 9. Do you currently possess a haz mat endorsement?
- Yes No
- * Required Question