



City of Ames Apprentice Substation Electrician

SALARY	\$31.64 - \$43.82 Hourly \$65,811.20 - \$91,145.60 Annually	LOCATION	50010, IA
JOB TYPE	Full-Time	JOB NUMBER	25-4217-01
DEPARTMENT	Electric Services	DIVISION	Electric Distribution
OPENING DATE	11/24/2025	CLOSING DATE	12/3/2025 5:00 PM Central
FLSA	Non-Exempt	BARGAINING UNIT	IBEW
RESIDENCY REQUIREMENT?	Yes		

Centrally located in the heart of Iowa, Ames is a vibrant, progressive community with more than 66,000 residents providing an excellent quality of life. Home to Iowa State University, Ames offers year-round recreation opportunities, diverse cultural offerings, a stable economy, safe neighborhoods, and a high-achieving school district.

General Information

The City of Ames is conducting a recruitment to establish a Civil Service eligibility list for this classification. The list will be valid for up to one year from the date of certification by the Ames Civil Service Commission and may be used to fill one or more vacancies in this classification. In addition, City of Ames Civil Service employees who have previously held Civil Service status in this classification and are interested in voluntarily demoting or laterally transferring into the current vacancy must submit their application by the deadline. **Preference may be given to applicants possessing qualifications above the minimum.** All applicants that meet the minimum qualifications will be invited to participate in the written exam. Under immediate supervision, performs work of moderate difficulty in the construction, maintenance and repair of electrical transmission and distribution system substations as part of a training program leading to journeyman substation electrician status; performs related work as required.

Benefits

Our comprehensive benefits package can be viewed at: [Benefits](#).

PSLF

Public Service Loan Forgiveness (PSLF) Program: The PSLF Program is a federal program that is intended to encourage individuals to work in public service by forgiving the balance of their federal student loans. To qualify, the individual must have made 120 qualifying payments while employed by a qualifying employer. For more information, please visit: [PSLF](#).

Examples of Essential Job Functions

Performs increasingly difficult and skilled work approaching the journeyman level as the training period progresses. Constructs, maintains and repairs electrical transmission and distribution substations including installing conduit, wiring, bus work, circuit breakers, SCADA, PTs, CTs, transformers, load tap changer (LTC) and associated equipment; maintains substation batteries, transformer oil, circuit breaker oil, SF6 gas; adjust LTC controls; connects metering, relay, and test equipment.

Each employee is expected to continually strive to bring shared values to life through our Excellence Through People organizational culture. ETP values include: committing to continuous improvement, inspiring creativity and innovation, being customer driven, making data-driven decisions, championing employee involvement, striving for excellence, having fiscal stewardship, acting with honesty and integrity, exhibiting leadership, choosing a positive attitude, respecting one another, promoting safety and wellness, and cultivating teamwork. For leaders, this includes creating a work culture that brings these values to life. For all employees, this includes maintaining a Total City Perspective. The purpose of ETP is to deliver exceptional services to the public at the best price, and for employees to experience an enjoyable and stimulating work environment.

Qualifications

Education and Experience: High school diploma, additional coursework in electricity or mechanics and one year of experience in an electric utility. Licenses and Certification: Must possess a valid driver's license; must obtain a valid type A Commercial Driver's License and any required endorsements within one month of employment. Knowledge, Skills, and Abilities: Knowledge of the practices, methods, tools, and materials used in electrical construction, installation, and repair; knowledge of the principles of electrical theory as applied to electrical currents and wiring systems; knowledge of the occupational hazards of the electrical trade and necessary safety precautions; knowledge of first aid and CPR; knowledge of all safety rules as stated in the adopted safety manual. Skill in the use of tools and equipment of the electrical trade; some skill in the operation of truck mounted mechanical and hydraulic equipment. Ability to understand and follow verbal and written instructions; ability to learn a wide variety of skilled tasks required in substation construction and maintenance work; ability to learn and observe proper safety precautions; ability to read and interpret electrical sketches, diagrams, and blueprints; ability to operate laptop computer, digger derrick, bucket trucks, pickup trucks, and related equipment; ability to establish and maintain effective working relationships with supervisors, co-workers, and other City employees.

Supplemental Information

Residence Requirement: The required residence area is the area bordered by the Boone and Story County lines on the north and south, State Highway 65 on the east; and on the west, County Road R27 north of Boone, and the Des Moines River south of Highway 30 to the Boone County line. Communities intersected by the borderlines, and Zearing, shall be considered within the area. The permitted residency area is that area inside the borderlines. The area adjacent to but outside the borderlines is not included. After completing his/her probationary period, a new employee shall, within six (6) months, reside within the residency area. The department head may allow an employee up to an additional six (6) months if the employee provides documentation of financial commitment to move within the residence area.

Selection Process: The selection process consists of an evaluation of education and experience, a written exam, phone interview, on-site interview, which will include a manager meeting; and completion of reference checks and a criminal background check, which includes a sex offender registry check. Depending on the number of qualified candidates, the City may forego phone interviews. All candidates will be notified by email of their application status.

E-Verify Process: The City of Ames participates in E-Verify and will provide the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS), with information from each applicant's Form I-9 to confirm work authorization. All candidates who are offered a position with the City of Ames must complete Section 1 of Form I-9 along with the required proof of their right to work in the United States and proof of their identity prior to starting employment. Please be prepared to provide required documents as soon as possible after the job offer has been made. For additional information regarding acceptable documents for this purpose, please contact Human Resources at 515-239-5199 or go to the US Citizenship and Immigration Services web page at: <http://www.uscis.gov>.

NOTE: Applicants with disabilities may submit requests for ADA testing or interview accommodations to the Human Resources Department prior to the test or interview.

The City of Ames is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, age, religion, sex, sexual orientation, gender identity, genetic information, ancestry, national origin, marital status, disability, or protected veteran status and will not be discriminated against. Inquiries can be directed to the Human Resources Department at 515-239-5199.

Veteran's Preference Points

The City of Ames provides Veteran's Preference Points for Civil Service positions. A copy of your DD214 and, if applicable, proof of disability, must be attached with your application (or faxed to 515-239-5294) prior to the close date of the posting in order to receive Veteran's Preference Points.

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Employer

City of Ames

Address

515 Clark Ave

Ames, Iowa, 50010

Phone

515-239-5199

Website

<http://www.cityofames.org/jobs>

Apprentice Substation Electrician Supplemental Questionnaire

*QUESTION 1

How many years of electric utility experience do you have?

- ☐ Less than 1 year
- ☐ 1-2 years
- ☐ 3 or more years

*QUESTION 2

Do you currently possess a type A Commercial Driver's License?

- ☐ Yes
- ☐ No

*QUESTION 3

Beyond high school, have you completed additional coursework in electricity or mechanics? If so, please list.

* Required Question