



JOB ANNOUNCEMENT
Open to City Employees and the General Public
Date Opened: April 23, 2024
Closing Date: Open Until Filled

Engineer I, II, III, IV

24-4-67

Department: Energy Services
12/2023

Salary Range: I – 59; II – 61; III - 65, IV – 68

Reports to: Chief Energy Services Engineer

Supervises: None

Salary and Benefits

Engineer I Salary: \$63,400/year

Individuals hired in this position have the opportunity to progress up to \$95,100/year, which is the maximum salary for this position as of December 2023.

Engineer II Salary: \$66,610/year

Individuals hired in this position have the opportunity to progress up to \$99,914/year, which is the maximum salary for this position as of December 2023.

Engineer III Salary: \$73,524/year

Individuals hired in this position have the opportunity to progress up to \$110,286/year, which is the maximum salary for this position as of December 2023.

Engineer IV Salary: \$79,178/year

Individuals hired in this position have the opportunity to progress up to \$118,766/year, which is the maximum salary for this position as of December 2023.

Benefits: Full City Benefits Package. The City of St. George covers 100% of the premiums for the High Deductible health plan for full-time employees and their qualified dependents. New hires also receive 2 weeks of vacation time during their first year of employment, one of which is available to the employee the first day of employment. To find out more about our benefits package, please visit our website at careers.sgcity.org.

Position Summary

Under the general direction of the Chief Energy Services Engineer, performs a variety of skilled technical tasks related to the engineering of Energy Services projects for the City of St. George. Conducts power system designs that are development related. Work involves application of technical knowledge and independent judgment in design, drafting, use of CAD software, use of GIS software, use of electrical system modeling software, , preparation of right-of-ways and legal descriptions, field management, construction, and inspection work.

Essential Functions (Essential functions, as defined under the Americans with Disability Act, may include the following tasks, knowledge, skills, and other characteristics. The list of tasks is illustrative only and is not a comprehensive listing of all functions and tasks performed by positions in this class.)

1. Conducts development related power designs as major job function. Reviews plans submitted to the Joint Utility Committee. Reviews Net Metering Applications (Rooftop Solar), Maintains database of approved designed projects, drawings, maps, easements, agreements, deeds, and right-of-ways. Consults with Chief Energy Services Engineer as needed.
2. Meets with developers, engineers, and contractors. Prepares power designs based on meeting information.
3. Drafts and designs plans for Energy Services projects using topographical profiles, related maps, and charts. Plots maps and charts illustrating field and calculated engineering data and designs. Calculates field quantities, measurements, and property descriptions and determines specifications according to standard accepted engineering principles and city standards.
4. Prepares engineering drawings using computer software. Operates computer hardware and software, plotter, reproduction machines, calculators, GPS, and related equipment.
5. Meets with landowners and local, state, and federal government officials to obtain easements and right-of-ways. Compares in-ground assets with easement locations and proposes solutions to discrepancies. Reviews plans of all new developments and projects to make sure proper drainage and utility easements have been provided.
6. Performs basic electrical engineering calculations to determine transformer, conductor, and other electrical equipment sizing.
7. May serve as city representative to coordinate with agencies, contractors, or the public to evaluate and resolve engineering related problems. Investigates problems and complaints throughout the city and proposes engineering solutions under the supervision of the Chief Energy Services Engineer.
8. Assists the Chief Energy Services Engineer with projects, and handles inquiries or concerns in the Chief Energy Services Engineer's absence.
9. Reviews complex plans and assures completed designs follow city standards, codes, and engineering principles.
10. Assists in developing and maintaining the current power system model. Calibrates models to match actual conditions.
11. Models impacts of future development on the existing power system.
12. Performs other related duties as required.

Typical Physical/Mental Demands/Working Conditions

Work is performed indoors in an engineering office environment and outdoors in field conditions involving heavy traffic, steep terrain, and a variety of weather conditions. Required to push, pull, or lift equipment weighing up to 40 pounds both short and long distances. Requires working positions such as stooping, crouching, and bending with the ability to change positions as necessary. May use common hand tools. May have a few disagreeable elements such as appearance of work place, poor ventilation, or uneven temperatures. Intermittent exposure to stress as a result of human behavior, human error, work deadlines, and the demands of multiple complex projects.

Qualifications

Education: Bachelor's degree from an accredited college in civil engineering, electrical engineering, or integrated engineering.

Experience and Certifications:

Engineer I

- Minimum of two (2) years full time progressively responsible paid work experience sufficient to

demonstrate possession of the knowledge and skills listed for this position.

Engineer II

- Minimum of three (3) years full time paid work experience.
- Must possess Engineer-in-Training certification from the State of Utah. Applicants who possess EIT certification from another jurisdiction must become EIT certified in the State of Utah within six (6) months of employment.

Engineer III

- Minimum of five (5) years full time paid work experience in a related engineering field.
- Must possess Professional Engineer certification from the State of Utah. Applicants who possess PE certification from another jurisdiction must become PE certified in the State of Utah within six (6) months of employment.

Engineer IV

- Minimum of Seven (7) years full time paid work experience in a related engineering field.
- Must possess Professional Engineer certification from the State of Utah. Applicants who possess PE certification from another jurisdiction must become PE certified in the State of Utah within six (6) months of employment.
- Assists the Chief Energy Services Engineer with projects, and handles inquiries or concerns in the Chief Energy Services Engineer's absence.
- Supervises Engineers I, II and III

Licenses: Must possess a valid driver license. A valid Utah Driver License must be obtained within 60 days of hire and be maintained throughout employment.

Knowledge, Skills, and Abilities

Knowledge of:

- NEC and NESC electrical standards.
- Principles and practices of electrical system modeling.
- AutoCAD and word processing, spreadsheets, presentation software.
- Technical writing and proficiency in reading, reviewing, and editing technical documents.
- Modern techniques, terminology, principles, and practices of engineering design as applied to the Energy Services Department.

Ability to:

- Plan, organize, and conduct meetings with engineers, developers, and contractors.
- Make decisions in the field or with designs which resolve potential or actual problems and comply with departmental objectives and standard engineering principles.
- Maintain detailed records and write reports.
- Communicate complex ideas and plans to coworkers, supervisors, contractors, and the public.
- Establish and maintain effective working relations with elected officials, department heads, employees, the public, officials, and employees of other jurisdictions.

To Apply: Submit a completed City of St. George Employment Application online at careers.sgcity.org. Applications are reviewed on an ongoing basis. Position is open until filled. Refer questions to Human Resources at 435-627-4670. Pre-employment drug screening and criminal background screen are required. The City of St. George is an inclusive Equal Employment Opportunity employer that considers applicants without regard to gender, gender identity, sexual orientation, race, color, national origin, age, disability, or genetic information. We make reasonable efforts to provide reasonable accommodation to disabled candidates.