



Jackson Energy Authority

JOB POSTING

Project Engineer, Gas

Position Summary

Performs engineering required for plant additions and revisions. Conducts economic and system planning studies for the gas system. Supervises, trains, and directs assigned employees in the design, planning, and development of the gas distribution system and associated facilities.

Education & Experience

Bachelor's degree in civil or mechanical engineering from an accredited university. Entry level role with recent graduates accepted. Experience in natural gas distribution systems and operations preferred.

Please visit <https://www.jaxenergy.com/jobs/> to find out more about this position and to complete an application. For questions concerning this position, please contact Aaron Cooper at (731) 422-7332.

Human Resources
Jackson Energy Authority
P.O. Box 68
Jackson, TN 38302-0068
Equal Opportunity Employer



Jackson Energy Authority

Essential Functions:

- Directs staff in the areas of drafting, records, surveying, and field data.
- Trains co-op students on construction and design practices.
- Maintains and develops the gas system model within the SynerGEE Gas software.
- Trains assigned engineering staff in the use of Auto CAD and ESRI GIS software.
- Coordinates projects with others, both inside and outside JEA.
- Maintains knowledge of applicable codes including, CFR Title 49, Part 192, International Fuel Gas Codes, Etc.
- Develops bid contracts and specifications for projects.
- Performs field surveying using GPS equipment and software.
- Works closely with Operations to ensure the effectiveness and efficiency of the system.
- Designs alterations, replacements and expansions to JEA's system.
- Reviews designs of others.
- Develops and analyzes system models.
- Performs economic and system planning studies.
- Secures permits and easements.
- Reviews development plans, record plats, and construction plans to ensure all proposed development is in compliance with JEA's master plans, criteria, accepted industry standards and practices, and applicable regulations.
- Conducts bid opening process for construction contract and other departmental materials.
- Gathers information and prepares drawings and descriptions for easement acquisitions and conducts necessary landowner negotiations.
- Assists System Engineer in preparation of annual budget.
- Assists in generating economic and system plan studies.
- Provides system information, advice and technical assistance to consultants, developers, contractors, customers, and other agencies and departments.
- Generates estimates and provides quotes to customers, contractors, and developers.
- Assumes responsibility for safe work practices of employees within area of responsibility.
- Studies engineering literature, regulations, codes, and other sources to keep abreast of engineering progress.
- Supervises system utilities during 24-hour standby duty on a rotational basis.
- Assumes additional responsibilities as requested.