

Engineer III
New Jersey Resources
Wall, NJ

Energize your future and join our team as we pursue a reliable, sustainable, cleaner energy future. At our Fortune 1000 diversified energy company, you'll find a friendly, community-minded environment, with flexible work schedules, opportunities for growth and development, and competitive pay and benefits.

New Jersey Natural Gas (NJNG), a subsidiary of New Jersey Resources is seeking an Engineer III to provide the necessary engineering expertise to identify, plan, design, coordinate, implement and manage multiple construction projects associated with natural gas distribution, transmission or regulator station facilities. Manage the project scope, schedule, budgets and subcontractors. Ensure that design and construction activities comply with all federal/state regulations and company standards, while providing the safe, reliable and efficient delivery of gas service to new and existing customers affected by projects.

Major Responsibilities:

- Prepare work orders, on a timely and accurate basis, for the development and design of satisfactory and adequate operating pressure requirements for new and existing main installations.
- Prepare timely, accurate, and complete labor and material cost estimates for all work orders.
- Prepare construction drawings that accurately depict proposed and completed changes in the distribution system.
- Make effective personal inspections of potential job sites in order to develop an understanding of actual field conditions and the possible effect they may have on system design.
- Design new systems to provide adequate supplies of gas to new customers, including developments and commercial accounts.
- Effectively represent the Company at pre-construction meetings, maintains accurate minutes of these meetings, and promotes general safety and economic construction standards that are in the best interest of the Company.
- Effectively review construction plans for all roadway projects to determine areas of conflict, to minimize our Company's financial exposure.
- Oversee the corporate transmission and distribution systems, is responsible for troubleshooting any abnormalities, and offers technical advice and assistance to the Distribution, Gas Control, and PMT Departments in providing safe, reliable, adequate, and economic service.
- Evaluate the effects of large volume commercial and industrial customers (PSI's) and large developments (Cost Out Requests) will have on the transmission and distribution system, and recommend necessary reinforcements to assure adequate system capacity and pressure.
- Design detailed meter sets for large volume commercial and industrial customers, which require elevated delivery pressure in a safe, yet economical manner.
- Assists the Marketing and Distribution Departments in field inspecting customer complaints concerning meter sets and recommends solution to resolve problem in an expeditious manner.
- Prepare and obtain all necessary voucher checks and all applicable State, County, and Municipal permits, and prepare work order and drawings for each installation.

- Lend technical advice to the Distribution, Construction Services, PMT, and Gas Control Departments for information not specifically addressed in the Company's Construction Standards Manual and for non-stock items.
- Undertake technical projects such as railroad, submarine and bridge crossings, which require the use and application of engineering knowledge and principles.
- Completely design and control large bid projects.
- Prepare bid documents, including engineering data, write job specifications, obtain all necessary permits and approvals, schedule pre-bid and pre-construction meetings, monitor construction activity, receive field reports from inspector, act upon construction conflicts so as to minimize Contractor's additional work charges on projects.
- Establish formal procedures to upgrade mains to higher operating pressures as required by Federal Safety Standards.
- Lend technical support to the Company's Standards Committee.
- Obtain permits from State Department of Environmental Protection, County Soil Conservation Districts, U.S.
- Army Corps of Engineers, Pinelands Commission, Coastal Area Facilities Review Act, and other jurisdictional bodies which require detailed engineering reports.
- Develop Environmental Impact Studies and Traffic Control Plans for large Bid Projects as required.
- Serve in an advisory capacity to corporate committees planning, studying, evaluating, and recommending long-range capital improvements and major system reinforcements.
- Recommend methods and materials for repairs to transmission and distribution facilities.
- Keep abreast of technical changes and innovations that may lead to improvements in the transmission and distribution system by researching journals, books, periodicals, etc.
- Work with Division Supervisors to prioritize pending rehabilitation work to ensure public safety in the most economical manner.
- Any other duties and responsibilities determined appropriate by department management.

Position Specifications:

- A 4-year degree in Engineering from an accredited college is required, preferably civil or mechanical.
- At least 3 years' experience in public utility engineering or related field required.
- Excellent communication, interpersonal, organizational and negotiation skills.
- Must be detail-oriented and flexible to handle multiple assignments and deadlines.
- Proficiency in Microsoft Word and Excel.
- Working knowledge of ESRI ArcGIS preferred.
- This position may also be titled as "Engineering Technician" with minimum 10 years experience, or the appropriate combination of education and experience at the sole discretion of management.

This position is deemed safety-sensitive under the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration's regulations. Among other things, employees in this position are subject to drug and alcohol testing, including pre-employment testing, random testing, reasonable suspicion testing and post-accident testing. PHMSA-required drug tests include testing for marijuana. The use of marijuana, or testing positive for marijuana, is disqualifying and will lead to removal from performing safety-sensitive functions as well as disciplinary action.

* The above job description is reflective of the primary duties of this position and in no way limits the supervisor from assigning any other duties, responsibilities or initiatives as deemed necessary.

New Jersey Resources is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, age, gender identity and/or expression, national origin, disability, veteran, or other protected status.

[Click here to apply](#)