

**Electrical Engineering &
Design****Geo Environmental
Engineering****Resource Application**www.egrengineering.com

EG&R Engineering PC is a fast-growing multi-disciplinary engineering firm located in Cranbury, NJ. EG&R provides electrical, mechanical, environmental and geotechnical engineering services for a variety of markets including government, utilities/power, waste to energy companies, transit agencies, manufacturing industries, pharmaceuticals, A-E firms/Architects, and various types of commercial clients.

EG&R is seeking an **Entry Level Electrical Engineer** who is self-motivated and ready to contribute to the future success of EG&R Engineering PC. If you are interested in becoming an integral part of our team, please forward your resume to NamitaB@egrengineering.com.

Responsibilities:

Main responsibilities include working in project teams with other Electrical Engineers and Designers involved in the design of electrical protection & control and/or physical layout design deliverables for Power Plants and Substations.

- Work alongside Senior Electrical Engineers and Designers on the development of electrical designs and specifications for Power Plants, Substations, Transit sites, etc.
- Physical substation design, sections and details, grounding, lightning protection, control building arrangements, interior and exterior raceways, auxiliary AC/DC power systems, and associated bills of material
- Protection and control design including panel arrangements, one lines/single lines, three lines, AC schematics, DC elementaries, equipment wiring and relay panel wiring
- Prepare calculations for studies and reports (grounding, lighting protection, AC/DC load studies, etc.)
- Provide short term field support during construction

Qualifications:

- Bachelor of Science/Master's degree in electrical engineering (Power Distribution/Power Systems) from an accredited institution.
- AutoCAD and/or Microstation experience
- Aptitude to work in a team environment and take direction from Lead Engineers
- Excellent written and verbal communication skills.
- Strong organizational skills with high attention to detail.
- Self-Starter, proactive, ability to quickly identify and prioritize issues, create solutions and meet deadlines.
- Desire to obtain Engineer-in-Training (EIT) certification and ultimately Professional Engineer (PE) license