

Electrical Engineering &
Design

Grid Resilience

Resource Application

www.egrengineering.com

EG&R Engineering PC is a fast-growing multi-disciplinary engineering firm located in Somerset, NJ. EG&R provides electrical engineering and contracting 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 Engineering is seeking a **Physical Layout Designer** with Substation / Power experience to serve as an integral part of a talented team.

Responsibilities:

- Responsibilities include working with a team of Electrical Engineers and Design drafters to generate Electrical layout drawings for High Voltage Substations and / or Power Plants.
- Responsibilities will include preparing the following drawings for substation or power plant facilities:
 - General Arrangement
 - Electrical Equipment Plans
 - Conduit/Cable Schedules
 - Electrical Details – Section views and elevations
 - Bill of Material
 - Conduit / Raceway Plans / Cable Tray/ Underground Ductbank
 - Lighting, Grounding, Power, Heat Tracing, etc
- Perform facility / substation walkdowns
- Following client's standards
- All other duties as assigned

Qualifications:

- Previous work experience as Physical Designer in the Power Industry (substations / power plants)
- Experience in 3D Modeling Plant 3D and/or Revit
- Experience using AutoCAD and/or Microstation.
- Effective communication and interpersonal skills
- Ability to work in a team environment
- The applicant must have good oral and written communication skills and the ability to be part of a project team

Benefits and Compensation:

- Annual Compensation: \$60,000 - \$120,000
- Hybrid / Flexible Work Schedule
- Health Insurance
- Matching 401k