

Northeast Power Systems, Inc. (NEPSI) is the leading global provider of medium-voltage metal-enclosed power capacitor banks and harmonic filter banks for use on electric power systems. Founded in 1995, the Queensbury, NY based company has grown to be the world's market leader and most trusted name for the supply of medium-voltage metal-enclosed power factor correction and harmonic filter systems.

NEPSI is looking for an experienced Power System Design Engineer to join our fast growing team. The incumbent will be responsible for the design of NEPSI's medium-voltage, metal-enclosed products offerings. Preferred candidates will possess background and experience in electrical equipment specification, interpretation, design, and ability to bring a specification to life using AutoCAD and other applicable tools.

RESPONSIBILITIES:

- Development of control and protection systems based upon equipment specifications
- Low and medium voltage component selection based upon specification requirements
- Development of drawings using AutoCAD
- Assist with engineering cost estimates and bid proposals;
- Design in accordance with national and international codes
- Provide technical support and quality control for assigned projects;
- Manage project timeline commitments to customers and ensure long-term relationships;
- Work with manufacturing plant personnel to ensure proper equipment design and inspect completed equipment for conformance with design and equipment specifications and safety standards.
- Available to travel to various customer locations.

Qualifications and Special Skills:

- AutoCAD expertise required.
- Knowledge of protective relaying, switch gear control, automation, communication systems, PLC, DC and AC control circuits, and instrumentation.
- Experience with medium voltage electrical design and network architectures, protection knowledge, electrical layout and understanding of plant / facility processes.
- Excellent attitude toward providing system solutions to customer problems.
- Proven skills in written and oral communication of technical topics.
- Broad knowledge of all applicable codes and standards such as IEEE, NESC, NEC and ANSI
- Ability to interpret electrical designs, and specifications.
- Ability to work in a fast-paced team environment.

Education /Experience Required

- B.S. Power Engineering, or related engineering field.
- 5+ years of relevant or related experience.
- Additional years of experience may be substituted for educational requirement.