



City of Naperville
Employment Opportunity

Job Title:	Electrical Engineer II – Automation & Communication (7087)
Closing Date:	When filled
Salary:	\$102,568.96 – \$112,825.86 per year
Job Type:	Full-Time
Location:	DPU-E Supply & Control, 1392 Aurora Ave., Suite 200
Department:	Department of Public Utilities - Electric

Job Description:

The City of Naperville's Electric Utility is currently seeking an Electrical Engineer II in the Automation & Communication (A&C) Division to assist with the development of electric utility systems and improvements. The EEII reviews and provides engineering assistance on customer requests, permits, and site plans, and may respond to customer inquiries by reviewing existing facilities to develop changes from an established standard. Site visits are required.

Project assignments typically include performing routine engineering work requiring application of standard techniques, procedures, and criteria in carrying out engineering tasks. Specifically, the A&C EEII provides professional fiber optic design consultation on construction progress and supports start-up and commissioning of new systems. Duties may include developing construction drawings and material requirements for moderately complex jobs associated with utility infrastructure installation, removal, or modification. Further, the EEII evaluates the continual maintenance and replacement plans for existing automated equipment and will work under the direct supervision of a lead engineer who screens assignments and selects techniques/procedures.

The anticipated hiring range for this position is \$102,568.96 – \$112,825.86 per year, commensurate with credentials and experience. The Pay Grade for this position is E255. For additional information, please [click here](#).

Responsibilities:

- Contributes to the design and maintenance of electric distribution, metering, communication, AMI, and/or substation systems. Prepares engineering plans and specifications. May coordinate with other electrical or City projects.
- Draws two-dimensional construction plans, prints, and standards utilizing the current AutoCAD system and PDF editor.
- Expected to work in a collaborative team environment on projects involving new design, modifications, retrofits, or preliminary/conceptual designs related to utility scale systems.
- Produces accurate and complete calculations or programming within project parameters.
- Works assigned tasks to meet schedule and may collaboratively coordinate details with other departments.
- Attends and/or schedules various meetings including preconstruction, coordination, and conceptual design.
- Answers questions from the public and customers concerning the Electric Utility's Automation & Communication infrastructure.
- May monitor and oversee construction of fiber optic installations in the field.
- Maintains project and personal activity records and reports project status to management.
- Prepares cost estimates based on established rates and reviews invoices.
- May research property records to ascertain right of way. Review's easement documents.
- Provides information to and answer questions for the general public.
- May prepare and evaluate bidding documents, department's standards, and specifications.
- May provide technical direction to a technician.
- Reviews building permits and plans for adherence to Utility standards.
- Performs all other duties as assigned.

Qualifications:

Required

- A Bachelor's Degree in Computer Science, Electrical Engineering, Electrical Engineering Technology, or a related field.
- Two to four years of professional engineering experience including a proven record of engineering moderately complex projects.
- Familiarity with engineering and mathematical principles used to design utility electrical systems.
- A valid State of Illinois driver's license.

Additional Information:

The City of Naperville, Illinois is a dynamic community of 153,000 residents, conveniently located 28 miles west of Chicago. Various publications have named Naperville as one of the best cities in the United States in which to live. The City has gained national recognition for our family-friendly environment, excellent schools and library system, low crime rate, and vibrant downtown area. It's also a great place to work! Our municipal government employs over 900 dedicated individuals in a wide range of job categories and provides a collaborative working environment, a forward-looking leadership team, and a competitive benefits package.

[Click here](#) to learn more about the benefits offered by the City of Naperville.

APPLY ONLINE AT:

<http://www.naperville.il.us/careers>

Applications should be completed thoroughly, and resumes will not be accepted in lieu of an application but should be attached to the application. Include all requested education, experience, attachments, and other information when applying. Incomplete applications are subject to rejection. Notifications to applicants will be sent electronically to the email address provided in the application.

THE CITY OF NAPERVILLE IS AN E. O. E.

[CLICK HERE](#) for the City of Naperville's EEOP Utilization Report

The City of Naperville complies with the Americans with Disabilities Act (ADA). Individuals needing accommodations in the recruitment process should notify Human Resources in advance at (630) 305-7066.