

New York State Green Occupation Spotlight



Electronic Equipment Assemblers

What do they do?

Assemble or modify electrical and electronic equipment, such as computers, electric motors, and batteries.

General Description

On average, how many opening are there per year?

There are some 230 openings annually for electronic equipment assemblers.

What is a typical entry-level wage?

\$13.98 hourly, \$29,070 annually

How should I prepare for the job?

Four out of five people who hold these jobs have a high school diploma or more. Training lasts less than a month, and is normally done on the job.

What types of employers might hire me?

Companies that manufacture semiconductors and other electronic components employ the largest number of people in this occupation.

Where can I get training?*

Training typically occurs on the job.

*See a more complete list of training providers at www.greencareersny.com

Green Description

How many electronic equipment assemblers are working in a green job in New York State?

In component manufacturing, more than 460 green electronic equipment assemblers work at 70 firms.

What do employers say about recruiting them?

18% of businesses in component manufacturing that hire green electronic equipment assemblers report having difficulty recruiting qualified workers for these jobs.

What kind of green activities would I do?

Almost all green electronic equipment assemblers are involved in the manufacture of energy efficiency products used in building construction. In addition, over a third of these workers also assemble products used in renewable energy, such as solar panel assemblies.

How would I get the skills to do green projects?

Just over half of the companies (in component manufacturing) that hire electronic equipment assemblers require employees to acquire new or enhanced skills to perform a green job. The most common source of these skills is in-house training, followed by on-the-job training.

For more Information about this occupation, go to:

- www.onetonline.org/link/summary/51-2022.00
- www.bls.gov/oes/current/oes512022.htm
- www.nycareerzone.org/cz/profile.jsp?onetsoc=51-2022.00

For more information about green jobs, go to:

- Green Careers NY: www.greencareersny.com
- Labor Statistics: www.labor.ny.gov/stats/green

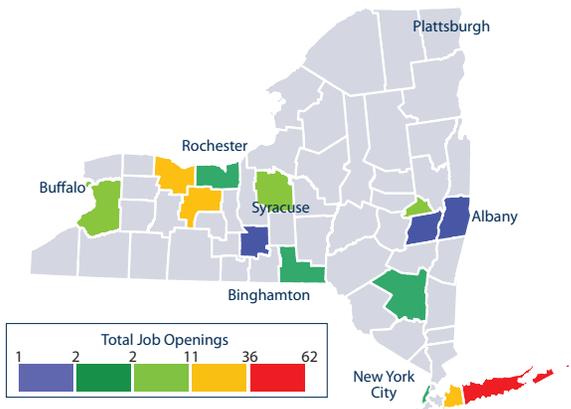
Case Study

Electronic equipment assemblers put together electrical or electronic systems and install electronic components. They also adjust, repair, or replace electrical or electronic component parts to correct defects and to ensure conformance to specifications.

It is essential that an electronic equipment assembler be able to read and interpret schematic drawings, diagrams, blueprints, specifications, work orders, and reports. Additionally an assembler may be required to explain assembly procedures or techniques to other workers.

When asked whether employers needed to hire new employees with particular green skills or credentials, a chief training officer of a component manufacturer on Long Island stated that employees “need to be curious; to stay on top of their industry and to think outside of the box. That’s not a green thing ... it’s making curious, excited employees who are willing to figure it out”.

Job Ads for Electronic Equipment Assemblers



Source: Geographic Solutions, ALMA®, 2nd Q 2011