

Energy & Utility Employment in New York's Lower Hudson Valley



A Critical Sector Undergoing Change & Hungry for Talent In Putnam and Westchester Counties...

29,000

Estimated Total Energy
Sector Employees
(EMSI, 2018; Purdue Energy Categories)

- +9.0% Region's Projected Energy Sector Job Growth: 2019 to 2029
- 28.6% Portion of Region's Energy Sector Employees Age 55 or Older
- 22.0% Females as Portion of Region's Energy Sector Employment
- 31.7% Minorities as Portion of Region's Energy Sector Employment

Why Technical Careers in the Energy & Utility Sectors Matter

Energy Systems Support Our Way of Life

Energy is all around us. It powers everything we do. Our region has a strong demand for energy workers because a wide range of systems – electrical, gas steam, and solar – generate and distribute energy to where we work, live, and play. Safety, excellence, and public service are hallmarks of this industry and its workforce.

- Energy careers have multiple entry points at all levels of education.
- Continued education and training in the energy industry are part of advancement and career growth.
- Knowledge of electrical and mechanical principles, various energy distribution systems, and teamwork skills are key.

Connecting Schools with Regional Energy & Utility Employers

Resources for Educators

Westchester Community College

School of Mathematics, Science & Engineering

sunywcc.edu/academics/school-of-mathematics-science-and-engineering

Workforce Development and Community Education

sunywcc.edu/continuing-ed/ce

Southern Westchester BOCES

Education for a variety of career and technical disciplines leading to rewarding, high-demand careers

swboces.org

Provided by:



George Latimer, County Executive
Dr. DaMia Harris-Madden, Executive Director
Westchester County Youth Bureau

westchestergov.com



Wanted: Talented, Technical, Service-Oriented Workers

General Utility Worker

A entry-level team player with experience in construction who is eager to learn and take advantage of career advancement opportunities

Education (preferred): High School Diploma or Equivalent plus Experience

Typical Starting Wage: \$17.00/hr

In-Demand Skills: troubleshooting, job site preparation, safety protocols, maintenance functions



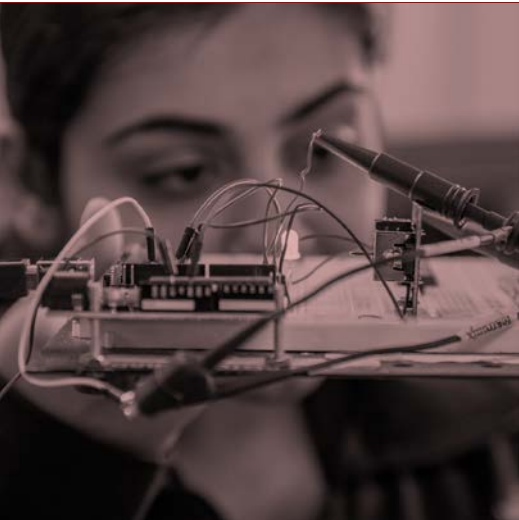
Electrical Technician

A field-based, safety-conscious problem solver who is knowledgeable about electricity, skilled with tools, and ready for physically demanding work

Education (preferred): Associate's Degree in Electrical Technology or Similar

Typical Starting Wage: \$23.75/hr

In-Demand Skills: AC/DC electricity, use of multi-meters and other electrical equipment, reading schematics, safety equipment and awareness



Management Associate

A leadership-track manager with technical and communication skills for the work-site and the boardroom

Education (preferred): Bachelor's Degree in Engineering, Finance, or Management

Typical Starting Wage: \$32.50/hr

In-Demand Skills: electrical systems, business management, finance and budgeting, written and verbal communication, and personnel management



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Source: EMSI, Westchester & Putnam Counties, NY



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