

POWER ENGINEERS AND POWER SYSTEMS OPERATORS

NOC 92100

Power engineers operate and maintain equipment to generate electrical power. Power systems operators monitor and operate switchboards to control the distribution of electrical power.



3-YEAR OUTLOOK



Good

3-YEAR JOB OPENINGS

162

MEDIAN HOURLY WAGE

$43.27

$25.85 LOW

$58.15 HIGH

TYPICALLY REQUIRED



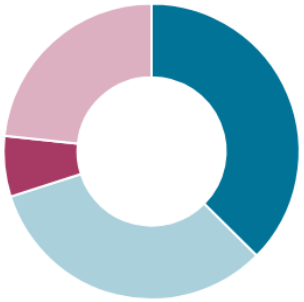
College or apprenticeship

EMPLOYED

1,434

AVERAGE SALARY

$97,600



EMPLOYMENT BY INDUSTRY

37.4%	Utilities
32.6%	Manufacturing
6.6%	Public administration
23.3%	All Other Industries



EMPLOYMENT BY AGE

6.6%	15-24
23.3%	25-34
19.8%	35-44
21.1%	45-54
25.1%	55-64
4.0%	65+

ALSO KNOWN AS

- Apprentice Power Dispatcher
- Auxiliary Plant Operator
- Building Systems Technician
- Control Room Operator - Electrical Power Systems
- Distribution Control Operator - Electrical Power Systems
- Electrical Power Systems Operator

MAIN DUTIES:

This group performs some or all of the following duties:

- Operate automated or computerized control systems, stationary engines and auxiliary equipment such as reactors, boilers, turbines, generators, pumps, compressors, pollution control devices and other equipment to generate electrical power and to provide light, heat, ventilation and refrigeration for buildings, industrial plants and other work sites
- Start up and shut down power plant equipment, control switching operations, regulate water levels and communicate with systems operators to regulate and coordinate transmission loads, frequency and line voltages.

