

POWER ENGINEERS AND POWER SYSTEMS OPERATORS (NOC: 9241)



Power engineers operate and maintain reactors, turbines, boilers, generators, stationary engines and auxiliary equipment to generate electrical power and to provide heat, light, refrigeration and other utility services for commercial, institutional and industrial plants and facilities. Power systems operators monitor and operate switchboards and related equipment in electrical control centres to control the distribution of electrical power in transmission networks. They are employed by power generation plants, electrical power utilities, manufacturing plants, hospitals, universities and government and commercial establishments.

Supervisors of power engineers and power systems operators (NOC: 9212)

Nuclear power station equipment mechanics (NOC: 7311)



Other professional engineers (NOC: 0214)

Civil, mechanical, electrical and chemical professional engineers (NOC: 0213)

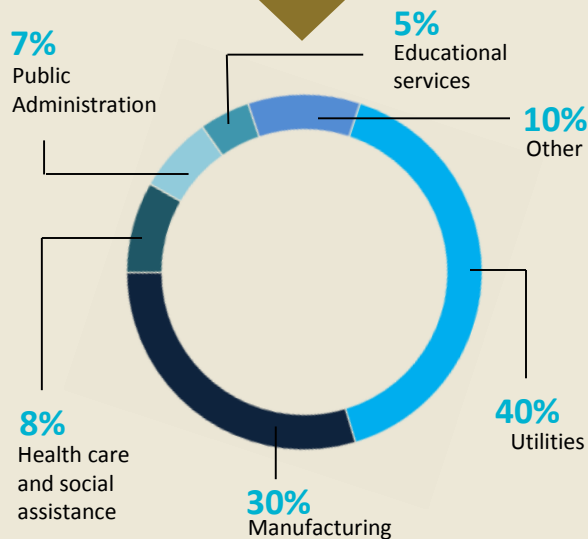


Power engineers require a **college** training program in stationary or power engineering and several years of work experience in the field.



Work Prospects (2018 - 2020): **Fair**

Employment by Industry



Examples of duties performed

- Analyze and record instrument readings and equipment malfunctions
- Troubleshoot and perform corrective action and minor repairs to prevent equipment or system failure
- Respond to emergency situations if required
- Clean and lubricate generators, turbines, pumps and compressors and perform other routine equipment maintenance duties using appropriate lubricants and hand, power and precision tools
- Maintain a daily log of operation, maintenance and safety activities, and write reports on plant operation and non-compliance



Sample Job Titles

Auxiliary plant operator
Nuclear reactor operator
Power engineer

421

Job Openings
2017-2026

\$32.00

Median
Wage
(per hour)



Funded by the Government of Canada and the Province of New Brunswick through the Canada-New Brunswick Labour Market Agreements.

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