

Utilities Managers

Description

This unit group includes managers who plan, organize, direct, control and evaluate the operations of utility companies or services of heating fuel distribution companies. The services provided include treatment of water and waste, distribution of water, electricity, natural gas and heating oil to residential, commercial and industrial consumers, waste disposal and waste recycling. Utilities managers are employed in public and private sector utilities and in heating fuel distribution companies.

Duties:

- Water supply managers manage water filtration, purification processes and pumping operations, schedule and oversee the maintenance of plant equipment and prepare reports on water supply and water quality.
- Electrical power distribution managers manage the operations of electrical power distribution systems including generating stations, transmission stations and distribution networks. They may also plan and direct the distribution activities of a municipal electrical power establishment.
- Natural gas supply managers manage the delivery of gas to consumers, monitor supply inventories and control the recording of injections and withdrawals.
- Petroleum product distribution managers plan and direct the distribution of heating oil products to retail distributors and regional storage sites.
- Water pollution control managers manage the operations of a sewage treatment plant, schedule and direct maintenance of plant equipment, and prepare reports on water quality.
- Waste systems managers manage solid or liquid waste collection and disposal systems, train drivers in how to handle waste and ensure safe operation of disposal facilities.

Other titles:

- water filtration plant manager
- director of water pollution control
- electric power plant manager
- liquid waste facility manager
- director of waste management
- water supply director
- electric generating plant manager
- electrical power transmission operations director
- gas supply operations manager
- refined petroleum products distribution manager
- sewage treatment plant manager
- distribution systems director – utilities

(Government of Canada National Occupation Classification)

Skills

Oral & written communication	Computer skills	Problem solving	Attention to detail	Physical stamina
	Leadership	Organization	Time management	

Education/Training Requirements

Ontario Secondary School Diploma (OSSD)

- Most college/university programs in Ontario require an OSSD or Mature Student Status

Post-secondary diploma/degree

- A bachelor's degree or college diploma in an appropriate discipline is required

Certification

- Several years of experience as a supervisor in a related utilities operations department are required
- A professional engineer certification is usually required for managers of utility operations involved in the transmission and distribution of electrical power, and natural gas and heating oil

Potential Earnings in Durham Region

The average and median wages and salaries for individuals employed as utilities managers are as follows. Place of Residence (POR) is defined as individuals who reside within the Durham Region. Place of Work (POW) is defined as individuals who are employed within the Durham Region.

Median Wages and Salaries (POR)	Average Wages and Salaries (POR)	Median Wages and Salaries (POW)	Average Wages and Salaries (POW)
\$145,996	\$168,426	\$140,067	\$141,800

Employment Prospects

Industry (NAICS)	Jobs in Durham Region (POW)	Durham Region Residents Employed (POR)
2211 – Electrical Power Generation, Transmission and Distribution	675	475

(Ministry of Advanced Education and Skills Development 2016 data in Durham Workforce Authority's 2017 Sector Report)

Additional Resources

- Professional Engineers Ontario: <http://www.peo.on.ca/>