

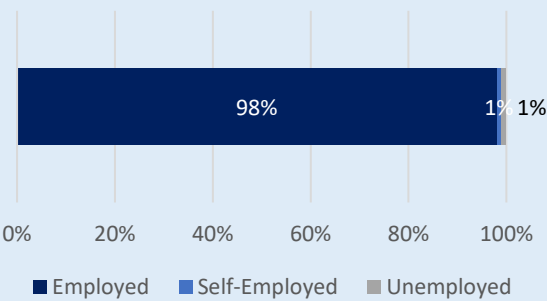
Powerline Technician (434A)



Powerline technicians construct, maintain and repair overhead and underground electrical power transmission and distribution systems. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

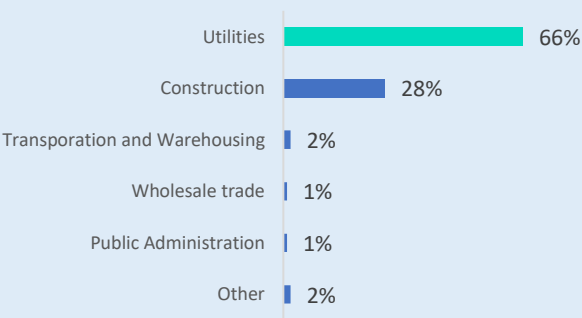
WORKFORCE PROFILE

Ontario's Powerline Technician Workforce, 2022



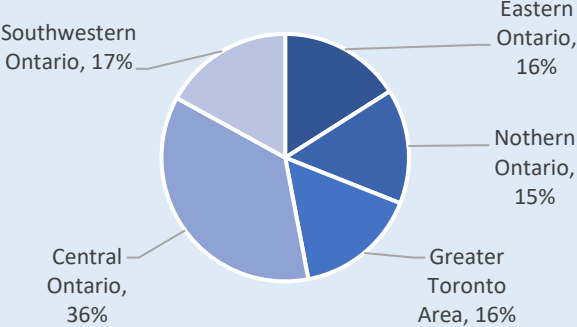
Source: Labour Force Survey – Based on 7,200 Respondents

Where Do Powerline Technicians Work?



Source: 2021 Census

Workforce Across Ontario



Source: 2021 Census

Powerline Technician (434A)
Number of Certificates of Qualification Issued, 2022

231

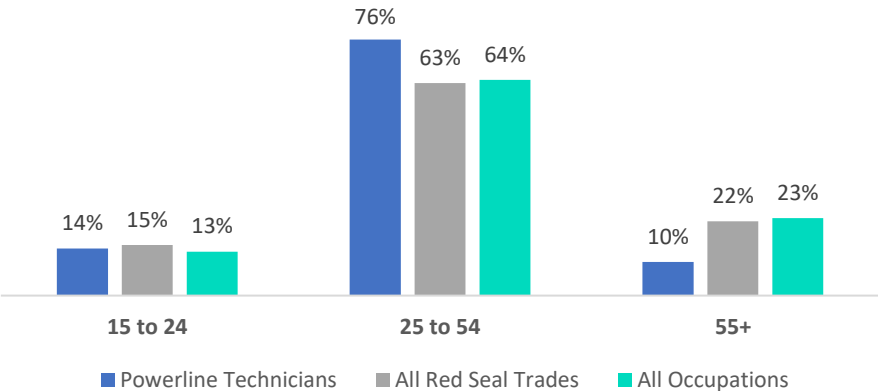
Source: STO Operations Database

AGE PROFILE

Powerline Technicians have a higher share of core-aged workers (aged 25 to 54) than other Red Seal trades.






10% of Powerline Technicians are nearing the age of retirement (age 55 or over).

Workforce by Age Group



Source: 2021 Census

WORKFORCE DEMOGRAPHICS

		Powerline Technician	Change from 2016	All Red Seal Trades
Women+		1.0%	-0.4%	13.8%
Immigrants		3.5%	-2.3%	26.2%
Racial Minorities		4.8%	+0.9%	23.3%
Indigenous Peoples		4.5%	+0.7%	3.7%
People with Disabilities		7.6%	-0.4%	13.5%

Source: 2016 Census, 2021 Census

EDUCATION PATHWAY

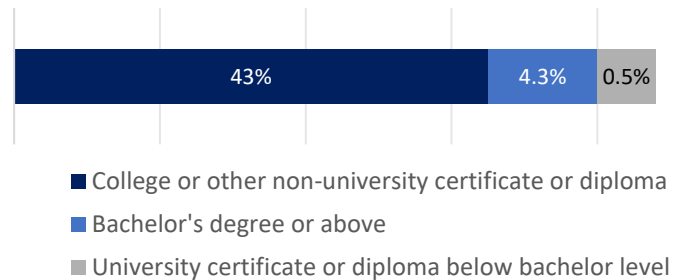
Powerline Technician is a non-compulsory trade in Ontario, which does not require certification or registration as an apprentice to practice within the province.

A grade 10 education is required to qualify for an apprenticeship.

The apprenticeship program is approximately four years, consisting of 7,680 hours of on-the-job work experience and 4 levels of in-school training.

Source: 2021 Census

Share of Workforce with Postsecondary Credential



In addition to holding a Certificate of Qualification, nearly 50% of Powerline Technicians also hold a postsecondary credential.

INCOME

\$25.00 - \$55.00

Hourly Wage Range¹

Source: Workforce Planning Ontario. (2023). Labour Market Insights Report: Job Posting Data January to December 2022

\$48,750 - \$107,250

Annual Salary Range¹

Source: Workforce Planning Ontario. (2023). Labour Market Insights Report: Job Posting Data January to December 2022

¹ Hourly/annual figures can vary based on different factors including location, other certifications and work experience. In Ontario, employers, unions, and organizations may offer benefits such as: Health Insurance, Retirement Plans, Dental Insurance and Training Programs, among others.

Please refer to the FAQs for additional information and definitions.

The information in this report applies to trades/occupations with the National Occupational Code 72203: 434A Powerline Technician.

