



Lineman

Description of the occupation

- Does installation and repairs of electric-energy transmission and distribution lines and of energy transformer stations
- Deals with all aspects of overhead or underground lines, from erecting a structure to installing a cable network to maintenance and repairs
- Linemen may work for construction contractors specializing in this area or for a network operator (e.g., Hydro Québec)

ACCESS TO CONSTRUCTION SITES

- Individuals who show to the CCQ proof of graduation with a DEP - Montage de lignes électriques may register for the 15-hour course Cours de connaissance générale de l'industrie de la construction (CCGIC), in order to obtain an occupation competency certificate.
- The number of places reserved for the CCGIC depends on labour needs established annually by the construction industry.
- Measures are in place to increase the presence of women on construction sites by 2018. Consult them at mixite.ccq.org.

SKILLS AND INTERESTS

- Have knowledge linked to application of concepts of electricity, mathematics, physics, and chemistry
- Be independent and careful
- Be in good physical condition, dextrous, and have a good sense of balance (agility and flexibility)
- Be able to work in a team
- Be available to travel regularly outside of the region of residence, often for extended periods
- Be capable of working at heights

Average annual salary*

Apprentice**	\$67,236
Journeyman working at least 500 hours	\$79,322
Proportion***	82%

* Includes premiums, overtime hours, and compensation for paid statutory holidays and the obligatory annual vacations provided in the collective agreements.

** Average 2015 salary of those having reported at least one hour of work.

*** Proportion of workers in this occupation having accumulated at least 500 hours in 2015. Does not include income that may have been earned for work not falling under the construction collective agreements.

Integration into the labour market

	Annual average 2012-2015	2016
New admissions to the CCQ	53	58
Placement rate of graduates*	9.7%	n/a

* Source: *La Relance au secondaire en formation professionnelle*, survey by the Ministère de l'Éducation et de l'Enseignement supérieur du Québec. New graduates are asked about their employment situation on June 1, after they have obtained their diploma.

Hourly wage* according to the collective agreements

	Transmission and distribution lines	Communications networks
Lineman		
1 st class	\$38.40	—
2 nd class	\$36.79	—
3 rd class	\$32.58	—
4 th class	\$31.74	—
T lineman	—	\$36.31

*Wage in May 2016.

Volume of work per sector



Civil engineering 100%

Job prospects



- In 2016, there were 1,137 linemen on construction sites. Work at hydroelectric stations has benefited linemen in recent years. All the work volume is in the civil engineering and roadwork sector.
- The industry has some 75 employers hiring linemen, but the five largest account for half of all linemen's activity. Work is performed primarily on electrical transmission lines, which usually requires linemen to work outside the region where they live. This was true for 60% of workers in 2016.
- In 2016, 58 new workers entered the industry, slightly above the average for the past four years (53). Most linemen (82%) work at least 500 hours and earn an average annual income of \$79,300.
- Job prospects are fairly limited for linemen, as employment is dropping sharply and the workers currently available can meet part of the workforce needs. However, the workforce is aging and turnover is high in this occupation.

Training

Study program:

Diploma of vocational studies (DEP) -
Montage de lignes électriques (5185)

Duration of training: 900 hours

Academic prerequisite: Category 2*

* The academic prerequisites for all trades and occupations in this brochure are described on page 74.

Training generally offered in the following regions:

- Chaudière-Appalaches
- Gaspésie-Îles-de-la-Madeleine
- Montréal



To find out which public facilities are authorized to offer this study program, consult the website www.inforoutefpt.org

Number of employed workers in 2016

Abitibi-Témiscamingue	33
Bas-Saint-Laurent-Gaspésie	90
Côte-Nord	67
Estrie	34
Island of Montréal	28
Laval-Laurentides-Lanaudière	232
Mauricie-Bois-Francs	102
Montérégie	140
Outaouais	35
Québec	271
Saguenay-Lac-Saint-Jean	88
Outside of Québec and Baie-James	19
Total	1,137

Number of employed women 3

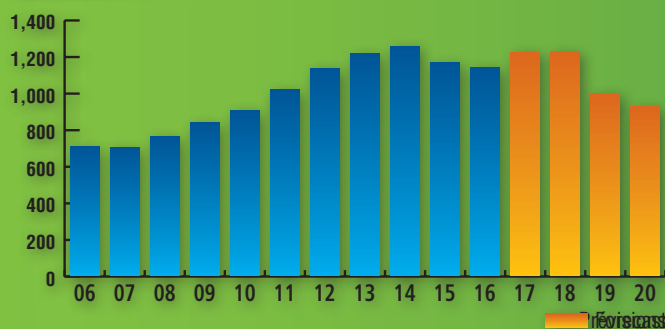
Worker mobility

Proportion of workers who travel from one region to another:*

Lineman	64%
All trades and occupations	17%

* Excluding travel between the Montérégie, Island of Montréal, and Laval-Laurentides-Lanaudière regions.

Number of employed workers from 2006 to 2020



Age of the workforce in 2016

	Average age	Under 30 years	30-54 years	55 years and over	Total number of workers
Lineman	42	29%	42%	29%	1,137
All trades and occupations	39	26%	58%	16%	153,700