



# 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.

## 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*	\$61,403
Journeyman working at least 500 hours	\$73,642
Proportion**	80%

\* 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 2011-2014	2015
New admissions to the CCQ	54	43
Placement rate of graduates*	92.6%	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 <sup>st</sup> class	\$38.40	—
2 <sup>nd</sup> class	\$36.79	—
3 <sup>rd</sup> class	\$32.58	—
4 <sup>th</sup> class	\$31.74	—
T lineman	—	\$36.31

\*Wage in May 2016.

## Volume of work per sector



Civil engineering 100%

## Job prospects



- In 2015, there were 1,154 linemen on construction sites. Work on hydroelectric power stations has been good for linemen in recent years. Almost all of the volume of work is done in the civil engineering and roadwork sector.
- The industry has about 79 employers hiring linemen; however, the five largest are responsible for half of the work of linemen. The work is done mainly on transmission lines, which generally requires them to work outside of their region of residence. This was the case for 61% of linemen in 2015.
- In 2015, 43 new workers joined the industry, below the average for the four previous years (54). Most linemen work at least 500 hours and earn an average annual salary of \$73,600.
- Job prospects are fairly high for linemen. Despite a slight decrease in demand, high turnover will create the need for new workers, especially due to retirement of older workers. Part of this need, however, will be filled by currently available workers.

## 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](http://www.inforoutefpt.org)

### Employed workers in 2015

Abitibi-Témiscamingue	30
Bas-Saint-Laurent-Gaspésie	74
Côte-Nord	66
Estrie	37
Island of Montréal	31
Laval-Laurentides-Lanaudière	249
Mauricie-Bois-Francs	98
Montérégie	162
Outaouais	39
Québec	269
Saguenay-Lac-Saint-Jean	98
Outside of Québec and Baie-James	1
<b>Total</b>	<b>1,154</b>

**Number of employed women** 3

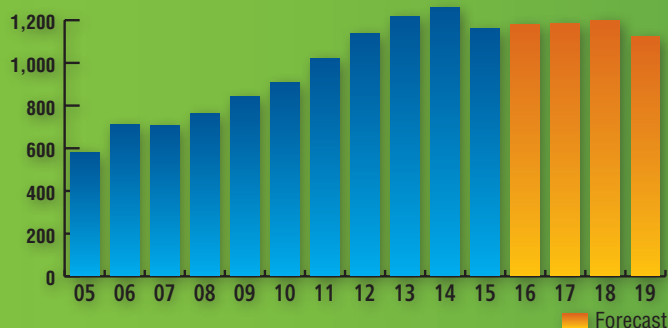
### Worker mobility

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

Lineman	61%
All trades and occupations	16%

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

### Number of employed workers 2005-2019



### Age of the workforce in 2015

	Average age	Under 30 years	30-54 years	55 years and over	Total number of workers
Lineman	41	33%	42%	25%	1,154
All trades and occupations	39	27%	58%	15%	153,040