

A photograph of an industrial facility, likely a natural gas processing plant. The scene is filled with a complex network of metal pipes, structural beams, and yellow safety railings. A worker in a red safety vest and white hard hat stands in the lower center, facing a control panel. The background shows more industrial equipment and a clear sky. Overlaid on the left side of the image are three large, overlapping blue shapes: a circle at the top, a vertical oval in the middle, and a larger, rounded shape at the bottom that frames the title text.

Natural gas supply in Québec

Technical properties

The consistent quality of the natural gas delivered to Québec is due to our unique access to markets upstream of Québec via the TransCanada Pipelines Limited (TCPL) transportation network.

Composition of natural gas¹

CH ₄	95.67%
C ₂ H ₆	1.62%
N ₂	1.84%
CO ₂	0.64%
C ₃ H ₈	0.14%
He	0.03%
CnHm	0.04%



¹ The information shows average values based on TCPL General Terms & Conditions, in effect since January 1, 2015.

Specifications for the quality of natural gas¹

TCPL requires precise specifications to ensure the quality of the natural gas.

PARAMETER	VALUE
Hydrogen sulphide	Max. 23 mg/m ³
Total sulphur	Max. 115 mg/m ³
Carbon dioxide	Max. 2% by volume
Oxygen	Max. 0.4% by volume
Nitrogen	See TCPL General Terms & Conditions
Temperature	Max. 50°C
Calorific value*	Min. 36 MJ/m ³ Max. 41,34 MJ/m ³
Water	Max. 65 mg/m ³
Interchangeability	See TCPL General Terms & Conditions

* Gaz Métro adjusts the calorific value above 37.89 MJ/m³ for billing purposes. Reference conditions 15°C and 101.325 kPa

Reliability of Gaz Métro's distribution network

The surveillance and preventive maintenance programs put in place by Gaz Métro contribute to the safe and reliable operation of the distribution network, while minimizing its impacts on the environment.

Exhaustive Dashboard

The Gaz Métro Gas Control Centre ensures the smooth functioning of the network 24/7, 365 days a year, through its Supervisory Control and Data Acquisition System (SCADA).



Measurement stations along the network	6,298
Variable data in the system	37,811 3,195 monitored in SCADA graphics
Delivery stations	43
Compressor stations	2
Other stations: (telemetry, pressure reduction)	84

For more information

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