

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.

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 ²	Min. 36 MJ/m ³ Max. 41,34 MJ/m ³
Water	Max. 65 mg/m ³
Interchangeability	See TCPL General Terms & Conditions

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%



Reliability of Énergir's distribution network

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

Exhaustive Dashboard

The Énergir 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).

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

² Énergir adjusts the calorific value above 37.89 MJ/m³ for billing purposes. Reference conditions 15 °C and 101.325 kPa.

Measurement stations along the network	21,600
Variable data in the system	48,800 5,150 monitored in SCADA graphics
Delivery stations	43
Compressor stations	3
Other stations (telemetry, valve, pressure reduction)	113

For more information
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