The Propane Story

from Well to Consumer

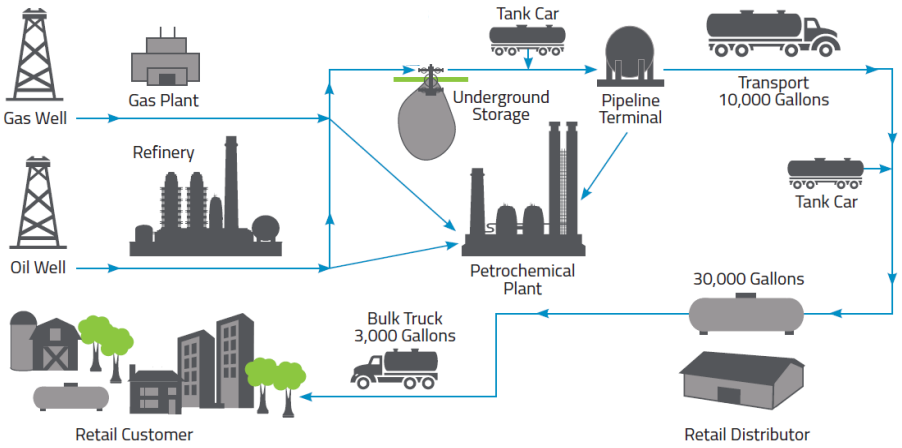
Canadian Propane Association | Association canadienne du propane

What is Propane?

Propane is a versatile and portable fuel – chemical symbol C_3H_8 – that is a derivative of natural gas processing and oil refining. It is extracted and used as a gas, but stored and transported as a liquid, to make distribution and use easy and efficient.

Recognized for its low environmental impact by the *Alternative Fuels Act*, propane is one of the cleanest and most versatile fuels in existence. Propane's GHG and particulate emissions are significantly lower than most other carbon-based fuels, such as gasoline, diesel and heating oil.

Propane's Journey to Consumers



Propane Demand in Canada

- 29% – Mining and Oil & Gas Extraction
- 20% – Commercial/Institutional
- 9% – Manufacturing
- 9% – Residential
- 6% – Transportation
- 5% – Agriculture
- 2% – Construction
- 19% – Non-Energy Uses (Feedstock)

Source: 2014 GPMi Canadian Propane Market Review

Propane Uses

Hundreds of thousands of Canadians rely on propane for their homes, businesses, farms and fleets.

At Home:

- Heating air & water
- Fireplaces & cooking
- Fridges & dryers
- Pool heaters & generators

On the Road:

- School & transit buses
- Taxis & courier vans
- Police cars & other fleet vehicles

In Agriculture

- Barn & greenhouse heating
- Powering irrigation systems
- Grain drying

In Industry

- Mining operations
- Construction heating
- Powering fork lifts
- Metal processing

Economic Benefits

The Canadian propane industry supports 23,000 jobs, and each year generates over $16 billion for the Canadian economy and contributes over $1 billion in taxes and royalties.

Canadian Propane Association

The Canadian Propane Association (CPA) is the national association for the Canadian propane industry. The CPA is dedicated to promoting propane, a clean, available, affordable and versatile energy solution, through training, emergency response and advocacy.

Thank you to the Propane Education & Research Council for contributing to this document.

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