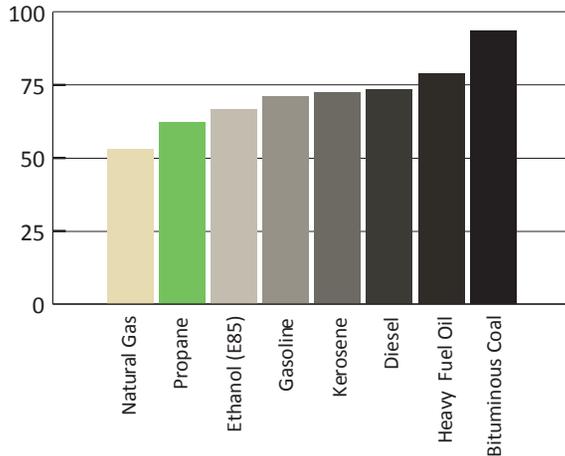


CLEAN & EFFICIENT

Propane is non-toxic, lead-free, and has extremely low levels of sulphur – a contributor to acid rain. It emits virtually no soot and low carbon monoxide, and burns cleaner than coal, fuel oil, gasoline, diesel, and ethanol. Propane, with its tiny carbon footprint and high efficiency, can play a major role in fighting climate change. Studies have found that propane can emit up to 26% fewer Greenhouse Gases (GHGs) than gasoline in vehicles, 38% fewer GHGs than fuel oil in furnaces, 19% lower GHG emissions than gasoline in forklifts and half the carbon dioxide emissions of a charcoal barbecue.

END-USE CO₂ EMISSIONS BY FUEL
(Kg CO₂ Equivalent/Million Btu)



Source: Propane Education & Research Council



HIGHLY ECONOMICAL

Hundreds of thousands of Canadians rely on the value of propane for their homes, businesses, farms and fleets. Propane-fuelled furnaces can last 5 – 10 years longer than electric heat pumps and propane water heaters can be less expensive to operate than electric models.

Propane vehicles require less maintenance than gasoline and diesel vehicles, and vehicle conversion and infrastructure costs are significantly less than natural gas. On average over the last 10 years in Canada, auto propane has been 37% cheaper than gasoline.

SAFETY

The key to safety for all fuels is proper use and handling. Some of the characteristics of propane, along with the regulations applied to the equipment, training and handling, make propane one of the safest fuels when compared to many other fuels such as gasoline, diesel and compressed natural gas (CNG).



PROPANE: AN ENERGY SOLUTION FOR TODAY & TOMORROW

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Propane is an established energy solution available today that is ready to meet the energy needs of tomorrow. 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.

The propane industry has a role to play in the clean energy mix and is committed to maximizing its value to Canadians over the long term. Many proposals for reducing the environmental impact of energy use will have to wait for new technologies to be perfected, however, low emission propane produced right here in Canada can make major and immediate contributions using today's technology.



THE NATIONAL VOICE OF THE PROPANE INDUSTRY

The Canadian Propane Association (CPA) consists of over 400 members in every province from coast to coast that represent the full spectrum of the propane industry - Producers, Wholesalers, Transporters, Retailers, Equipment Manufacturers, Service Providers and Industry Associates.

Headquartered in Ottawa, the CPA also maintains an office in Calgary that houses the Propane Training Institute (PTI), which trains over 30,000 students annually, and the CPA's subsidiary, Emergency Response Assistance Canada (ERAC), which provides 24/7 emergency response to transportation-related incidents.

MADE IN CANADA

Propane is abundant and available in Canada – approximately 11 billion litres is produced annually and almost half of the supply is exported. Over 80% of Canada's propane is extracted from natural gas as part of a Natural Gas Liquid (NGL) mix at hundreds of field plants in Alberta, British Columbia and Saskatchewan, with the remaining supply produced at refineries across the country. It is extracted and used as a gas, but stored and transported as a liquid under pressure.

COUNTLESS USES

At home, propane can fuel:

- furnaces and boilers
- space heaters
- water heaters
- fireplaces
- refrigerators
- dryers

On farms it is used to:

- control pests and weeds without chemicals
- dry crops
- heat greenhouses and livestock facilities
- power irrigation systems

Outdoors, propane powers:

- barbecues
- pool heaters
- generators
- portable heaters

Industrial uses include:

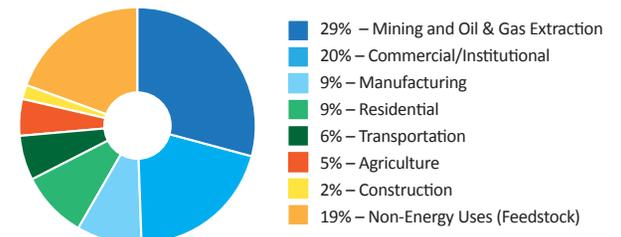
- forklifts
- construction heaters
- drying bricks
- metal heating and processing

Propane is even used by the petrochemical industry as a feedstock to make plastic products.

In many cases, it's the only fuel used in remote locations because of its portability, especially at construction sites and cottages.

It is among the cleanest and most cost-effective choices for fleets, and is ideal for police cars, taxis and buses.

PROPANE DEMAND IN CANADA



Source: 2014 GPMI Canadian Propane Market Review

