

Propane



What is Propane?

Propane, sometimes referred to as C_3 , is a clean-burning, versatile hydrocarbon gas that is a component of Liquefied Petroleum Gas (LPG). It is commonly used for heating, cooking, fuel, and petrochemical feedstock and often replaces higher-emitting fuels.

What is LPG?

- LPG refers to a group of hydrocarbon gases that are liquefied through pressurization or cooling.
- Propane is one of the primary constituents of LPG, along with butane.

Transportation & Safety

- Propane is safely transported via railcars, trucks, and pipelines.
- LPG is stored and transported as a liquid most of the time, but vaporizes into gas when released.
- Railcars are engineered with pressure-rated tanks and safety valves to ensure secure movement across long distances.
- AltaGas adheres to rigorous safety protocols and regulatory standards for all propane logistics.

Consumer Uses

- Propane is used for residential heating, cooking, transportation and industrial uses in Asia, and is used domestically by North American consumers.
- Propane helps meet global rising demand for reliable, affordable and cleaner-burning fuels.

Export via VLGCs

- Propane is stored and transported by marine vessel in a liquid state. Refrigeration equipment at our sites and on marine vessels ensures the temperature remains at -42°C (-44°F).
- AltaGas utilizes specialized ships, called Very Large Gas Carriers (VLGCs), to ship propane to global markets.
- Our export facilities are designed for temperature-controlled handling of propane and butane.

AltaGas: Delivering Safe, Reliable LPG to Global Markets

Safety is our top priority, and we partner with various organizations to ensure expert emergency response capabilities for LPG transportation incidents, reinforcing our commitment to safety and community protection throughout our value chain.