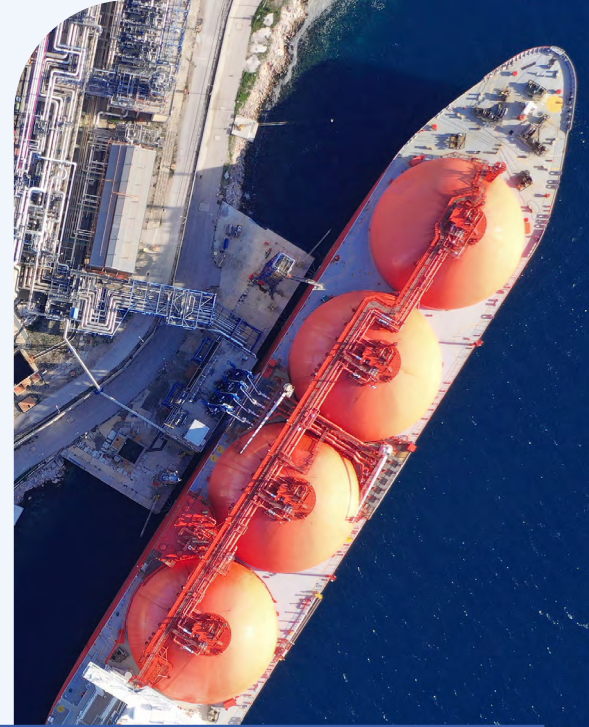


Exporting Canadian Propane

Propane serves as a crucial energy source for billions of people worldwide for cooking, heating, generating power, cleaning and drying clothes, and powering automobiles and equipment such as forklifts. Propane can reduce global GHG emissions as a cleaner burning alternative to coal.

Canada has an abundant supply of propane and exports over 50% of its propane production.

Propane export terminals in **British Columbia** allow Canadian propane direct access to Asian markets.



Propane is a readily available, clean-burning, portable, multi-purpose energy source that is non-toxic, economical, reliable, and safe.

Benefits of exporting Canadian propane:



Transitions people in Asia to a cleaner energy source, reducing exposure to indoor air pollution and premature deaths.



Opens new markets for Canadian exports and increases the value of Canadian propane.



Shipping propane from B.C. is about a 60% base case time savings over the U.S. Gulf Coast and 45% over the Arabian Gulf when going to East Asia markets, such as Japan and South Korea.

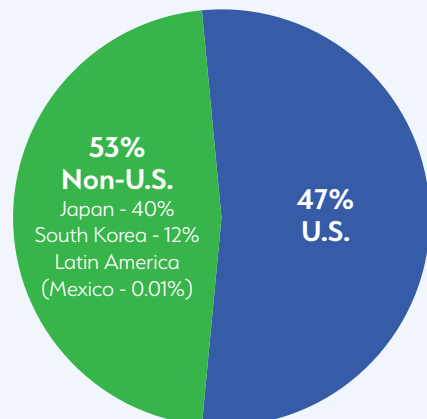


Helps reduce Canada's trade deficits.

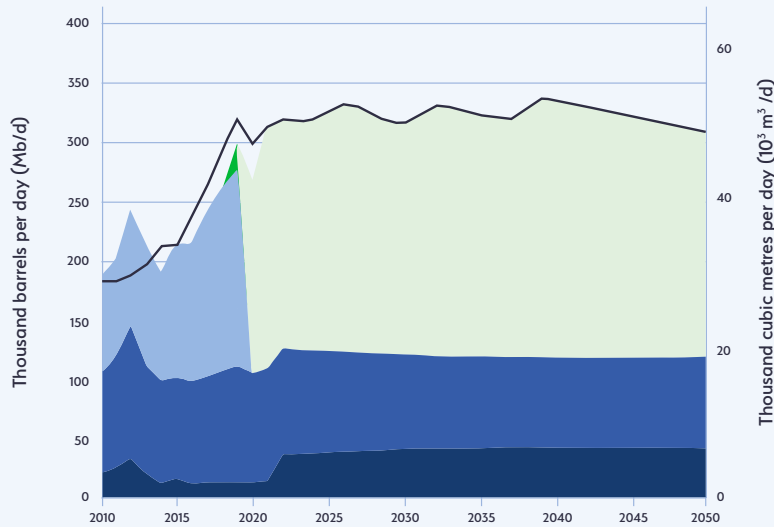
Export Market demand is increasing

- Canada's propane exports have grown steadily over the past decade, driven by strong natural gas production in Alberta and B.C. and access to new overseas markets.
- Canada exports an average of 204,000 barrels per day.
- Globally, demand for propane is expected to continue to increase.

Canadian Propane Export Destinations



Source: [Canadian Energy Regulator: CER – Market Snapshot: Canadian Propane Increasingly Destined for Asia \(cer-rec.gc.ca\)](https://www.cer-rec.gc.ca/en/energy/industry-and-trade/propane/industry-and-trade-propane/canadian-propane-increasingly-destined-for-asia)



Canadian Propane Disposition 2010-2050

- Total Supply
- Petrochemical Demand
- Other Canada Demand
- Exports to U.S.
- Exports from West Coast B.C. to International
- Projected Exports

Source: [Canadian Energy Regulator](#)



AltaGas Ridley Island Terminal

AltaGas Ridley Island Propane Export Terminal (RIPET): located south of Prince Rupert, B.C., began operating in 2019.¹



Current LPG Export Capacity: 80,000 barrels per day



LPG Export Growth: Expanding to 140,000 barrels per day through addition of the future Ridley Island Energy Export Facility



Terminal Offloads: Average over 90 rail cars of liquid propane from B.C. and Alberta each day



Marine Shipments: About 40 Very Large Gas Carriers per year

Pembina's Prince Rupert Terminal

Located south of Prince Rupert, B.C., on Watson Island, Pembina's Prince Rupert Terminal began operating in 2021.²



Current LPG Export Capacity: 20,000 barrels per day



Terminal Offloads: 25 to 30 railcars of liquid propane per day



Marine Shipments: 44-46 Handysize Gas Carriers per year



Storage: 140,000 barrels per year



Source: ¹ [AltaGas RIPET](#)

² [Pembina Prince Rupert Terminal](#)