

Superior
Propane



**PROPANE FOR
POWER**

SuperiorPropane.com/Power

TRANSITIONING FROM DIESEL TO PROPANE

Transitioning from diesel to a cleaner, more affordable propane power generation solution will help remote communities and industry move towards a sustainable energy future. Propane is a proven fuel with infrastructure that is readily available today. It's a versatile fuel that can be integrated with a variety of energy solutions and green technologies to provide reliable continuous power while reducing environmental impact.

55% LESS SERVICE AND MAINTENANCE REQUIREMENTS FOR PROPANE ENGINES VS DIESEL, PROVIDING SUBSTANTIAL SAVINGS¹

ADVANCED TECHNOLOGIES AND PARTNER NETWORK

Propane generators are designed for efficiency (no de-rate), reliability, flexibility, and environmental compatibility. Superior Propane works with engine manufacturing and distributing partners to offer a variety of generator options to meet all required specifications. Whether it's a high-profile industrial project or a smaller scale community initiative, there's no room for error or downtime.

	PROPANE	DIESEL
Fuel Cost ²	Propane can reduce fuel costs by up to 40% compared to diesel	Historically, diesel is 40–50% more expensive than propane
Safety & Risk Management	Propane vaporizes when released, eliminating the risk to water, ground or air during transportation, product transfer and storage	Diesel spills are environmentally damaging and costly to cleanup and remediate
Emissions	Propane emits 98% less particulate matter than diesel, and reduces carbon emissions by up to 15% ³	Risk of not meeting emissions regulations and environmental standards
Equipment Performance	Propane burns cleaner than diesel, leading to a longer engine life and extended service intervals Direct-fired or electric vaporizers ensure continuous, optimal performance of equipment even at extreme freezing temperatures	Hard particulates cause equipment damage and more frequent maintenance requirements
Availability & Storage	Propane is readily available across Canada—you can get propane anywhere you can get diesel even if you are located off grid Propane can be stored long-term with zero degradation or contamination Propane cannot be stolen like diesel	Storage costs at remote sites can be much higher for diesel Risk of fuel contamination from long-term storage



Manage and forecast your fuel, and track and prioritize your deliveries anytime, anywhere with the mySUPERIOR™ mobile app.



ENERGY PLANNING

Superior Propane has the expertise and experience to provide industrial, commercial or residential consulting and design services to develop custom energy plans to achieve project or community goals. We offer various applications to deliver affordable, sustainable energy solutions including:

- CONTINUOUS PRIME POWER
- HYBRID RENEWABLE-PROPANE POWER
- PRIME POWER FOR PEAK LOADING OR PEAK SHAVING PERIODS
- COMBINED HEAT & POWER
- TEMPORARY POWER FOR INDUSTRIAL & CONSTRUCTION SITES
- BACK-UP POWER

Together with our partners and customers, we design, build and service power systems anywhere in Canada. Plus, we offer flexible financing and rental options, and support with training, commissioning and start-up.

SUPERIOR POWER. SUPERIOR EXPERTISE.

With over 70 years of experience, Superior Propane operates in a highly regulated environment and has technical experts specializing in complex projects and applications.

Our Canada-wide storage and distribution network reaches all regions and provides local maintenance support. We have the resources to deploy diverse transportation methods including rail, barge and truck to ensure you get the propane you need when you need it.

We work with one-third of Indigenous communities across Canada and we value our long-standing service commitment to Indigenous peoples and businesses.

CONTACT US FOR AN ON-SITE ANALYSIS AND CUSTOM-BUILT PROPANE POWER GENERATION SYSTEM

1-87SUPERIOR (1-877-873-7467)
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COMBINED HEAT & POWER (CHP)

Also known as cogeneration, is a technology that is helping companies and facilities reduce energy costs and greenhouse gas emissions by recovering the thermal energy from propane power generation and reusing it to heat their buildings.

Provincial governments have recognized the proven benefits of CHP and are offering financial incentives to install these high-efficiency systems.



RELIABLE POWER SUPPLY

Incorporating clean, affordable propane as part of the energy mix provides a more reliable power supply. Renewable energy resources like wind and solar aren't available 24/7, year-round. And there can be unpredictable weather events that disrupt renewable technologies. **A hybrid solution that integrates propane power as a back-up source will provide continuous power while still reducing emissions.**

PROPANE WORKS FOR ALL INDUSTRIES

- COMMERCIAL
- INDUSTRIAL
- AGRICULTURAL
- RESIDENTIAL
- MINING
- AQUACULTURE
- CONSTRUCTION
- REMOTE LOCATIONS
- TRANSPORTATION
- FORESTRY
- HOSPITALITY

THE SUPERIOR DIFFERENCE



PROPANE MADE EASY

We offer products like mySUPERIOR™ and SMART* Tank™ wireless monitoring to give you full control over managing and forecasting fuel needs 24/7.



PROVEN EXPERTISE

We are the propane experts—fuelling businesses of all sizes across Canada since 1951. We provide solutions with a focus on safety and compliance.



UNMATCHED RELIABILITY

We promise secure propane supply and an unmatched delivery network to keep your business, site or fleet running smoothly with no downtime.

RELIABLE PROPANE POWER & HEAT SOLUTIONS

Increase your fuel savings with abundant, clean-burning propane in even more applications:

PROPANE HEAT



AUTO PROPANE



FORKLIFT



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¹ Propane engines run longer and require fewer repair and maintenance services than diesel engines. Typically, a diesel engine requires service at 500 hours compared to a propane engine at 1,100 hours.

² Natural Resources Canada. (2021). *Transportation fuel prices*. Retrieved from <https://www.nrcan.gc.ca>

³ Canadian Propane Association. (2019). *THE PROPANE ADVANTAGE: For a Low-Emission Canada Now* [Brochure]. Retrieved from <https://www.propane.ca>

*Self-Monitoring, Analysis and Reporting Technology.

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