

# Natural gas fleets are great vehicles for change



**The environment.**  
We've got our best  
people on it.



**FORTIS BC™**



## Energy efficiency is on the move at FortisBC

Reducing emissions from the transportation industry isn't an insurmountable task; rather it's an achievable goal, with a solution that comes from right here in B.C. We've got the fuel and the technology to have 30,000 natural gas vehicles on the road in B.C. by 2030.

### The future of transportation

Vehicles are responsible for the largest portion of the province's greenhouse gas emissions, almost 40 per cent. Most are fuelled with gasoline or diesel. Those that are part of a fleet and carry heavier loads are perfect candidates for conversion to a better environmental option.

A solution that can play an important role in helping the province meet its energy, economic and environmental goals lives right here in B.C.—natural gas. And why not; natural gas is an abundant, domestic fuel and natural gas vehicles (NGVs) are cost-effective, reliable and emit fewer emissions than gasoline and diesel vehicles.

# Make the natural choice for your fleet

Return-to-homebase fleets such as waste haulers, heavy duty tractor trailers, large light duty fleets and transit buses, as well as courier vehicles make ideal candidates for natural gas. FortisBC can work with you to provide fuelling infrastructure in your fleet yard, saving you time and money.

## Savings

The price premium when purchasing an NGV ranges from \$6,000 for a light duty vehicle to \$45,000 for a large truck, but lower maintenance and fuel costs can provide a payback in as little as two years. In addition, FortisBC offers grants for purchasing a new NGV or converting an existing vehicle to natural gas.

## Versatility

The natural gas we use to heat our homes and cook our food is the same natural gas used in vehicles. It's just in a different format. Fleets and light duty vehicles typically use compressed natural gas or CNG. Refuelling is easy and can be done overnight, saving time for fleet drivers. Large trucks driving long distances run on liquefied natural gas or LNG, and they travel longer distances than vehicles using CNG.

## Reliability

NGVs are in wide use around the world and in fact, local manufacturers such as Westport Innovations and Cummins-Westport Inc. export their LNG and CNG engines to markets from Asia to Australia.

## Hear the difference

Natural gas vehicles run quieter than their diesel counterparts, making them less intrusive on busy city streets.




## A few facts about NGVs

- NGVs produce approximately 20 to 30 per cent fewer greenhouse gases than diesel, depending on the engine technology.
- More than 10,000 natural gas buses and 2,500 natural gas waste haulers currently operate in the United States.
- 90 per cent of the Los Angeles bus fleet runs on natural gas (more than 2,200 buses).
- There are over 11 million NGVs in use around the world, with over 122,000 NGVs in North America.
- Both CNG and LNG have been consistently priced below diesel and gasoline for the last decade costing between 25 and 50 per cent less per litre.

## Learn more

Visit [fortisbc.com/ngv](http://fortisbc.com/ngv)

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