Propane Autogas vs. Natural Gas
A brief comparison of implementation costs and environmental impact

Both autogas and compressed natural gas (CNG) are American-made, abundant and less expensive than gasoline. But every dollar invested in autogas goes further for our environment and our energy security.

**AUTOGAS FUELING STATIONS ARE LESS EXPENSIVE**

**15 AUTOGAS FUELING STATIONS FOR THE PRICE OF 1 CNG FUELING STATION**

One CNG fueling station costs between $400,000 and $1,700,000. A comparable autogas station costs between $45,000 and $175,000.

**AUTOGAS VEHICLES ARE LESS EXPENSIVE**

**YOU CAN CONVERT**

**2 LIGHT-DUTY AUTOGAS VEHICLES FOR THE PRICE OF CONVERTING 1 LIGHT-DUTY VEHICLE TO CNG**

An average CNG vehicle conversion costs $15,000. An average autogas conversion costs $8,000.

**AUTOGAS REDUCES MORE HARMFUL EMISSIONS PER DOLLAR INVESTED**

**1.5X THE HARMFUL EMISSIONS THAT CNG VEHICLES OFFSET**

Compared to gasoline, both autogas and CNG vehicles reduce harmful emissions by more than 20%. But per dollar spent, more autogas vehicles can be deployed, thereby offsetting more harmful emissions.

Sources include US Department of Energy, US Energy Information Administration and various third-party studies. For more information, data, charts and detailed source information, visit [http://autogasforamerica.org/Fact_Brief.pdf](http://autogasforamerica.org/Fact_Brief.pdf)
SWITCH TO THE ALTERNATIVE FUEL THAT’S SAVING MONEY WHILE IT SAVES THE PLANET

What can propane autogas offer that CNG cannot?

LESS EXPENSIVE FUELING STATIONS
You can have up to 15 propane autogas refueling stations installed for the price of just one CNG fueling station. To further increase savings, propane retailers may cover installation costs when a fleet agrees to a fuel contract. And because propane autogas refueling stations use less electricity, they cost less to operate.

BEST VALUE FOR CONVERSIONS
Upgrading existing vehicles to alternative fuel doesn’t need to damage your bottom line. For the approximate price of converting 1 light-duty vehicle to CNG, you could convert 2 light-duty vehicles to propane autogas.

NATIONWIDE AVAILABILITY
No other alternative fuel has refueling stations in every state, with more public refueling stations opening every day. Propane retailers are available nationwide and can help provide convenient central refueling stations for your fleet.

PROPANE AUTOGAS VS. COMPRESSED NATURAL GAS (CNG)

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<td>STATION INSTALLATION</td>
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YES, THEY’RE SIMILAR
More than 70 percent of propane autogas comes from clean, domestic natural gas. So they have a few shared characteristics:

THEY DRIVE GREEN
Propane-autogas- and CNG-fueled vehicles are both proven to substantially lower greenhouse gases and other harmful emissions compared to conventional fuels. Compared with gasoline, vehicles fueled by propane autogas cut carbon monoxide emissions by 60 percent, nitrogen oxide emissions by 20 percent, and carbon dioxide emissions by 12 percent.

THEY ARE MORE AFFORDABLE FUELS
Like CNG, propane autogas costs less than gasoline or diesel per mile. Add in federal and state government fuel tax credits, and you have a real stimulus to the bottom line.

THEY ARE DOMESTICALLY ABUNDANT
In 2011, the United States became a net-exporter of propane — and domestic propane made from natural gas plant liquids exceeded consumer demand. Choosing abundant, American-made fuels like propane autogas and CNG boosts our nation's energy security by lessening dependence on foreign oil.

FOR MORE INFORMATION
Visit autogasusa.org/fleets to learn more about the advantages of propane autogas for fleets.