

PROPANE MATTERS

in Iowa



THE NEXT BIG THING IN GREEN ENERGY IS RENEWABLE PROPANE

Propane has always been clean burning and energy efficient. (See related article on this page.) Your propane-powered systems and appliances will become even cleaner with the emergence of renewable propane.

RENEWABLE PROPANE

Renewable propane is chemically identical to conventional

propane (so you don't need to modify any equipment) but made from some of the same ingredients as biodiesel, including animal oils, vegetable oils, corn, soybeans and plant matter. These feedstocks are abundant and inexpensive. They include waste products that would otherwise go to landfills. Renewable propane's production process has a low carbon intensity (CI), and the resulting product is amazingly clean.

Like conventional propane, renewable propane is methane free. Yet its CI is one-half to one-quarter of the carbon intensity of conventional propane — and roughly one-fifth that of grid electricity. In fact, renewable propane is carbon neutral at the point of combustion!

Renewable propane retains the same exceptional energy efficiency. While not in wide use yet, its production is rapidly increasing, and it will soon be a go-to fuel for homes, businesses, worksites and vehicle fleets.

You can learn more at RenewablePropaneGas.com.

CLEAN ENERGY FOR EVERYONE

Iowa households that rely on propane for heat, hot water and major appliances are helping to reduce greenhouse gas emissions.



A recent Propane Education & Research Council study found that propane's carbon intensity is significantly lower than fuel oil, gasoline and grid electricity.

Propane also contains virtually no particulate matter, which is a known carcinogen.

Moreover, homes with propane furnaces emit up to 50% less nitrogen oxide and 82% less sulfur oxide than those with comparable electric heating. Those emissions contribute to acid rain and exacerbate respiratory illnesses. In fact, the direct use of propane for space heating, water heating, cooking and clothes drying reduces greenhouse gas emissions by up to 50%!

It's no wonder that propane has been designated an alternative fuel under the 1990 Clean Air Act and the Energy Policy Act of 1992. This abundant, reliable, affordable fuel is the right choice for your Iowa home and appliances, throughout the year.

Visit Propanelowa.com to find out more.

SAVE BIG ON NEW PROPANE EQUIPMENT

When you upgrade to a high-efficiency propane heating system or water heater, you'll experience fantastic energy savings for years to come. But you don't have to wait to enjoy those savings. Right now, Iowa homeowners can take advantage of generous propane rebates and save hundreds of dollars on their purchases!

- 🔥 Save \$300 on a tankless water heater.
- 🔥 Save \$200 on a tank-style water heater.
- 🔥 Save \$250 on a furnace or boiler.

*Water heater must have Uniformed Energy Factor of 0.67% or higher. Furnace must have AFUE Rating of 95% or higher. Boilers must have AFUE Rating of 85% or higher.

For more savings, you can receive an **additional \$100 manufacturer's rebate** if you install a qualifying Rinnai propane product.

Learn more at Propanelowa.com, then contact your local Iowa propane company to get started.



PROPANE VS. THE ELECTRIC GRID

The electrification movement's push toward all-electric heating, hot water systems and home appliances raises some significant concerns. Tying Iowa families' comfort and safety to our electric grid is a heck of a gamble.

For one thing, all-electric homes are often inefficient. It requires 27 kilowatt-hours of electricity to produce the same amount of energy as a single gallon of propane.

Wholesale electrification would significantly burden the power grid, increasing the risk of prolonged blackouts. When the U.S. Energy Information Administration last tracked how many hours per year Americans spend facing electricity outages, they found that Iowans were **in the dark almost 30 hours annually**. That was the fourth highest of any state!

Last summer, the North American Electric Reliability Corp. found that Iowa, along with 14 other states, faced a high risk of "energy emergencies during peak summer conditions." In short, the grid couldn't accommodate peak residential demand. What would happen if Iowans depended on this grid to heat their homes in the coldest days of winter?

Propane offers dependable, efficient and eco-friendly home comfort. With propane, you won't have to count on an overburdened electrical infrastructure. Instead, you'll have a dedicated fuel supply right on your property.

For more information on propane's reliability compared to electricity, visit Propanelowa.com.



Win A FREE PROPANE TANK FILL-UP— UP TO 400 GALLONS!

Read the articles in this newsletter and then go to Propanelowa.com/contest and answer the three questions correctly. If you do, we'll enter you into a drawing to win a FREE propane tank fill-up — **as much as 400 gallons!**

No purchase necessary. A purchase will not improve your chance of winning. Employees of IPGA, its affiliates, agencies or vendors may not enter. Contest is open to Iowa property owners with a propane tank capacity of 100 gallons or more. One entry per household. Drawing will take place on or around 6/30/23. Winner agrees to have name published in the next issue.



Congratulations to **SHELLEY C.**, of **STANTON, IA.** Shelley was thrilled to win our Fall 2022 contest and she received a FREE propane tank fill-up!

PROPANE IS YOUR FEEL-GOOD FUEL

Supply chain delays, global conflicts and other issues have led to shortages of many energy sources. But you can feel good about using propane in your home. **Propane is American made, secure and clean!**

Roughly 90% of the propane you use is generated right here in the United States. Not only does that make it a dependable fuel choice for your Iowa household; it also means that its price fluctuates less than many other energy sources.

Propane is an amazingly versatile fuel. You can use it to heat your home and your water, cook your food, dry your clothes, ignite a stunning fire in your hearth and for many other essential household uses. These are some of the most fuel-efficient products on the market, so you get a lot of power and heat from every gallon of propane.

And by choosing propane appliances, you're doing your part to help the environment. *(See article on the front.)*

You can explore all the uses for propane in your home at Propanelowa.com.

