Energy Matters

from **Allied Propane Service**

PERSONALLY SPEAKING

are you prepared for the next power outage?

Dustin Kaiser

Dear Friends,

Summer is one of the busiest and most enjoyable times of year in Northern California. It's a season for backyard gatherings, family vacations and spending more time outdoors. Unfortunately, it's also a time when wildfire threats, severe storms and unexpected power outages become more common.

Losing electricity is about much more than sitting in the dark. It can interrupt your heating and cooling systems, refrigeration and many of the everyday conveniences your family depends on.

That's why more homeowners are investing in propane whole-house standby generators. With reliable backup power in place, your home can remain safe and functional even when the electric grid isn't.

Allied Propane is proud to be a retailer for Kohler standby generators and can assist with installation. Our experienced team will help you choose the right size generator for your home and work with qualified installation professionals to make the process as simple and stress-free as possible.

If you've been considering a standby generator, now is an excellent time to start planning—before severe weather arrives. We'd be happy to answer your questions and provide a free estimate.

As always, thank you for choosing Allied Propane Service. We appreciate the opportunity to serve you and your family, and we remain committed to providing the dependable propane service you've trusted for nearly 60 years.

Have a safe and enjoyable summer!

Warmly,

Dustin Kaiser
Senior Vice President

simple steps to keep your generator ready

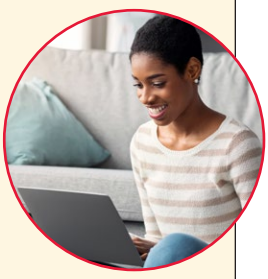
If you already own a propane standby generator, regular maintenance and preparation are essential. The last thing you want is to discover a problem after the lights go out.

A few simple steps can help keep your generator ready when your family needs it most:

- ✔ **Check your propane supply.** Make sure your tank contains enough propane to power your home for at least a week. Severe storms, road closures and emergency conditions can sometimes delay deliveries.
- ✔ **Test your generator regularly.** Run your generator under a full electrical load for 20 to 30 minutes every three months. This keeps moving parts lubricated and confirms the system is operating properly.
- ✔ **Stay current with preventive maintenance.** Routine professional maintenance is one of the best ways to extend the life of your generator and prevent unexpected breakdowns. While Allied Propane does not perform generator maintenance, we can refer you to a qualified contractor who does.

your Allied Propane account at your fingertips

Managing your Allied Propane account has never been easier. Simply visit our website and click **Manage Your Account** to:



- ✔ **Pay your bill online**
- ✔ **Request service**
- ✔ **Schedule propane deliveries**
- ✔ **View your account history**
- ✔ **Access account information anytime**

Of course, if you'd rather speak with someone directly, our friendly local team is always just a phone call away.

PSPR26-19174

Propane: The Feel-Good Fuel for Your Home

Propane efficiently warms your home and water, powers a wide range of indoor and outdoor appliances, and helps you enjoy greater comfort, season after season.

Versatile Propane for Summer Fun

Propane doesn't take a vacation when warm weather arrives. In fact, it's the perfect fuel for extending your outdoor enjoyment long after the sun goes down.

- **Fire pits and fireplaces** provide real flames and instant warmth at the flip of a switch – without smoke, soot, or ash. When the evening ends, cleanup is effortless.
- **Outdoor lighting** powered by propane adds elegance to walkways and patios while operating for just pennies per hour. Best of all, these lights continue working during power outages.
- **Patio heaters** make cool nights comfortable, raising nearby temperatures by up to 25°F. Their portable designs let you place warmth exactly where you want it – no electrical outlet required.
- **Pool and spa heaters** fueled by propane heat water faster and maintain temperatures more efficiently than electric options, so you can confidently invite guests in, knowing the water will feel just right.

And of course, **propane grills** deliver unmatched convenience and precision. Whether you use a portable grill or a built-in outdoor kitchen, propane offers even heat, no starter fluid odors, and no messy cleanup.

Here's the **cherry on top:** you can always count on us to keep your propane supply ready for you to enjoy all that summer fun!

A Brief History

From a scientific breakthrough to a household essential, propane has a fascinating story. In 1910, American chemist **Walter O. Snelling** discovered that certain gases could be compressed into liquid form. Among them, propane stood out for its abundance and usefulness.

Snelling's method of bottling propane made it practical to transport and store, launching what we now know as the propane industry.

Often called "bottled gas" to this day, propane's formal name is **liquefied petroleum gas (LPG).** Over the decades, scientists and energy professionals have continued to improve how propane is produced and delivered. Today, propane is widely available, highly efficient, and completely trusted by homeowners and businesses alike.

Clean Energy for Everyone

Propane is one of the cleanest-burning carbon-based fuels available, producing significantly fewer greenhouse gas emissions than many other energy sources. Because it burns so cleanly, propane equipment maintains high efficiency with minimal maintenance.

Propane is also **nontoxic** and poses no threat to soil or groundwater, which is why it isn't regulated as a hazardous substance by the Environmental Protection Agency. Beyond its environmental benefits, propane offers many advantages homeowners appreciate:

- ✓ **Cost-effective:** Propane appliances often last longer than electric models and typically cost 40–60% less to operate.
- ✓ **Safe:** Strict National Fire Protection Association (NFPA) standards govern propane handling and equipment. Modern propane appliances include safety shutoffs and electronic ignition systems for dependable operation.
- ✓ **Efficient:** Today's propane furnaces can reach efficiencies as high as **98%,** meaning very little fuel is wasted. By comparison, more than two-thirds of the energy used to generate electricity is lost before it ever reaches your home.
- ✓ **Versatile:** From furnaces and water heaters to generators, cooktops, dryers, fireplaces, and outdoor grills, propane can serve as a single-fuel solution for nearly every part of your home.

How Much Propane Will I Use?

Similar to how horsepower is used to rate a car's engine, propane appliance usage is measured in Btu per hour. We can use this calculation to give you a general idea of your typical propane consumption:

- **Furnace** (100,000–200,000 Btu/hr): about 1–2 gallons per hour
- **Gas fireplace** (26,000 Btu/hr): about 1 gallon every 3 hours
- **Gas range/cooktop** (65,000 Btu/hr): about 5–10 gallons per month
- **Tankless water heater** (40,000 Btu/hr): about 1.5 gallons per day
- **Gas clothes dryer** (35,000 Btu/hr): less than 1 gallon per day

Source: Propane101.com

Propane: The Next Generation

Propane has long been valued for its efficiency, reliability, and clean performance, and its future is becoming even brighter.

That's because **renewable propane** is emerging as an exciting advancement that supports America's transition to lower-carbon energy without sacrificing comfort or convenience.

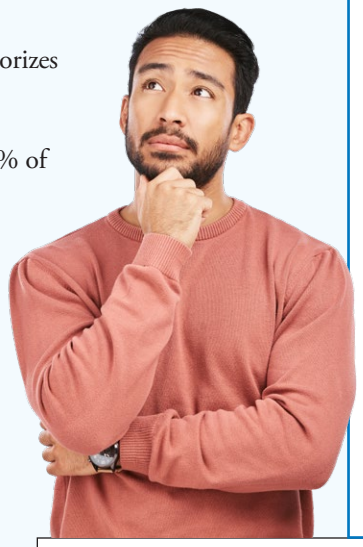
Renewable propane is chemically identical to conventional propane, which means homeowners can use it seamlessly with existing **propane heating systems and appliances.** No costly equipment upgrades or changes are required. You can count on the same dependable performance with an even smaller environmental impact.

This innovative fuel is produced from renewable, bio-based resources such as vegetable oils, animal fats, and other biomass materials. Because of these sustainable production methods, renewable propane has a significantly lower carbon intensity than traditional propane.

While renewable propane is still gaining momentum and is not yet widely available, it is already playing a role in discussions about cleaner energy solutions. As supply grows, renewable propane has the potential to reduce greenhouse gas emissions across homes, businesses, transportation, and industry nationwide.

understanding the propane 80/20 rule

Have you ever wondered why your propane tank gauge never reads 100% full? It all comes down to safety.



Propane is stored as a liquid inside your tank before it vaporizes into gas for use in your home. Like most liquids, propane expands as temperatures increase. To safely allow for that expansion, propane companies only fill tanks to about 80% of their capacity, leaving the remaining 20% for expansion.

For example, a 500-gallon tank safely holds about 400 gallons of propane.

Even though propane expands and contracts with changing temperatures, the amount of fuel inside the tank does not change; only its density changes.

This is also why you should never paint a propane tank a dark color, since darker surfaces absorb more heat from the sun.

Following the 80/20 rule helps us protect your propane system and keeps your home and family safe.

Pro-Gas
ALLIED PROPANE SERVICE

Allied Clean Fuels Plaza

Allied Pacific Energy

Napa: **707-252-5500**
221 Devlin Road, Napa, CA 94558

Richmond: **510-237-7077**
5000 Seaport Avenue, Richmond, CA 94804

Dixon: **707-678-8500**
1700 North 1st Street, Suite B, Dixon, CA 95620

AlliedPropaneService.com

Pro-Gas
ALLIED PROPANE SERVICE

Allied Clean Fuels Plaza

Allied Pacific Energy

VISA · MasterCard · American Express · Discover

PRESORTED
STANDARD MAIL
US POSTAGE
PAID
DG3

Propane • Grills • Generators • Water Heaters • Irrigation Engines • Forklift Exchange • Cylinder Exchange • Transport Deliveries • Outdoor Heating Specialist

snapshot

If you've visited our Dixon office recently, you may have met Operations Manager Michael Hurst, who joined Allied Propane earlier this year.

After serving in the U.S. Navy, Michael owned and operated a customer service business before moving into the propane industry. Today, he enjoys the variety that comes with managing daily operations and helping ensure customers receive safe, reliable propane service.

No two days are ever the same. Michael's responsibilities include reviewing delivery schedules, coordinating driver routes, inspecting equipment, meeting with customers, working with vendors and solving unexpected challenges that arise.

MICHAEL HURST,
DIXON OPERATIONS MANAGER

The leadership skills and adaptability he developed during his military service and years as a business owner continue to guide his work today.

"We're always looking for ways to improve operations while providing the dependable service our customers count on," Michael says.

We're proud to have Michael on the Allied Propane team and appreciate the experience and leadership he brings to our customers every day!

are we taking good care of you?

Thank you for your trust and for being our customer.
Your comfort and safety motivate all of us to do the best job possible every single day. If you like the service we provide for you, won't you please take a few moments to post an online review online on Google? This would mean the world to our hard-working service team!

Here is a recent review that made us smile:

Dixon office · Napa office · Richmond office

★★★★★

"Allied Propane not only offered a better rate, but the customer support has been wonderful. Glad to be able to get timely support locally instead of being stuck on hold with a call center for over an hour."

– Jaritza G.