



PERSONALLY SPEAKING

55 years of service to you

Dear Friends,

Allied Propane Service has been celebrating our 55th anniversary in business this year! That's a long time to be a part of the fabric of a community. Our company is proud to have served our many friends and neighbors for generation after generation.

Our customers like seeing the familiar faces of our technicians and drivers who visit their home for regular service and deliveries. And they also know they can count on seeing them again if they have to call us in an emergency.

That's why we are extremely proud of our long history of providing excellent service with a personal touch, and our team is continuously on the lookout for new ways to enhance the

value we provide to our loyal customers.

We also have a long history of community support. We participate in many activities within our service area, supporting youth groups, local events, scholarship and philanthropic programs, and local industry outreach forums.

So we hope you don't just consider us your propane and service company—we consider you part of our family, and we treat you that way. We want you to know we are always here for you. Just let us know how we can help!



Stan Teaderman - President (left)
Dustin Kaiser - Vice President (right)

Warmly,

Dustin Kaiser
Vice President

Clean Fuels: the future of vehicle fueling

We're pleased to offer

clean fuels to both our commercial and our residential customers—all in one accessible location at the Allied Clean Fuels Plaza in Napa.

For example, the Chevron fuel island there includes **renewable diesel**—a non-petroleum biomass-derived vehicle fuel suitable for use in diesel engines. It generates fewer carbon dioxide emissions than petroleum-based diesel.

Customers enrolled in our fleet-fueling program also have access to the Pacific Pride Station, which offers **propane autogas**, along with other fuels. You fill your vehicle's autogas tank with a pump and a nozzle similar to what you have been using for years at a service station that sells gasoline and diesel fuel. But like renewable diesel, autogas produces fewer greenhouse gas emissions than gasoline or conventional diesel fuel.

Our Clean Fuels Plaza also has a Tesla eight-vehicle charging station and an upscale convenience store. Stop by and see us sometime!

5 water heater warning signs

The last thing you want to see when you get home is a flood caused by a ruptured water heater tank. Here are five signs that it may be time to replace your water heater so you can avoid this.

- 1. Age:** The life expectancy of a water heater ranges from seven to 13 years. If your water heater is 10 years old or older, don't wait until it breaks. Start researching your replacement options now.
- 2. Higher bills:** Your water heater may no longer be doing its job efficiently.
- 3. Rusty water:** This usually means that the inside of your water storage tank is corroding.
- 4. Water stains:** White stains on your glassware are common signs of hard water—water that contains minerals—in your tank. Those minerals reduce efficiency and shorten the life of your water heater.
- 5. Unusual noises:** Growling or gurgling noises coming from your water storage tank are usually a sign of sediment buildup—a problem that will eventually require the replacement of your water heater.

If you want to replace your water heater, **call us or contact us through our website.**



generator tips

To ensure that your generator will step in when the power goes out, follow these tips:

Check your fuel gauge.

Make sure your generator has enough propane to get you through at least a week without power. Impassable roads or other emergency conditions could delay deliveries.

Test your generator.

Run the equipment through a 20- to 30-minute test every three months. Power it up to a full load and correct any problems. These test runs help keep parts lubricated.

Follow recommended maintenance guidelines.

Maintenance is the key to reliable generator performance, and annual service is a must.

 **Pro-Gas**
ALLIED PROPANE SERVICE

 **Allied Clean Fuels Plaza**

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

AlliedProGas.com

what's so hot about tankless water heaters?

A **propane tankless water heater** is a compact unit that hangs right on the wall. Tankless water heaters

eliminate standby energy losses that occur in storage tank systems, because they only heat water on demand.



Since a tankless system can average a flow rate of hundreds of gallons per hour, your family can enjoy plenty of hot water. A tankless unit has twice the lifespan of a storage tank water heater. It also produces twice as much hot water as an electric water heater, with 50% fewer emissions.

Please call us for a free estimate on a new Rinnai propane tankless water heater.

 **Pro-Gas**
ALLIED PROPANE SERVICE

 **Allied Clean Fuels Plaza**

- Propane • Stoves • Grills • Generators
- Water Heaters • Irrigation Engines



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why a propane tank never reads 100% full

The propane in your tank is a liquid, which changes to a gas before it leaves the tank. Like any liquid, propane will expand when its temperature rises. Propane will actually expand 17 times the volume of water given the same temperature increase.

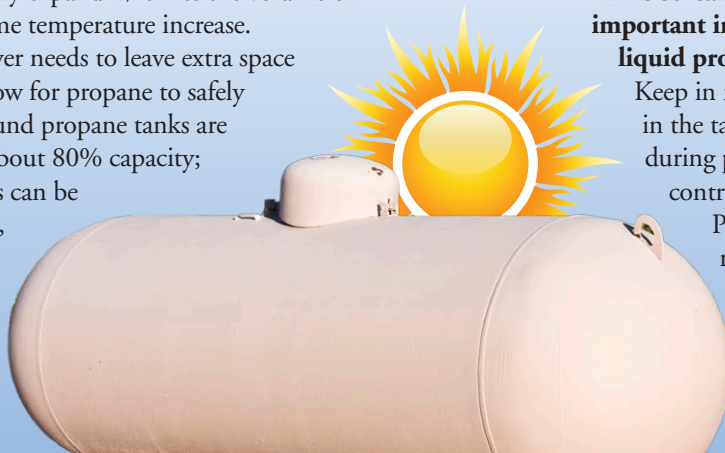
Our delivery driver needs to leave extra space in your tank to allow for propane to safely expand. Aboveground propane tanks are typically filled to about 80% capacity; underground tanks can be filled slightly more, because they are insulated against the heat. The extra space

in the tank provides a cushion against the pressure that builds up inside. As an example, a 500-gallon tank that is 80% filled will safely hold 400 gallons of propane.

This so-called 80% rule is especially important in hot weather — when liquid propane will expand the most.

Keep in mind that the amount of gas in the tank doesn't actually change during periods of expansion and contraction — only its density does.

Propane gas expansion is the reason you should **never** paint your outdoor propane tank a dark color, since dark colors absorb more heat.



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