



## PROPANE VS. ELECTRIC



### PROPANE WORKS HARDER

Because it's stored onsite, propane is there even when the electricity goes out. Plus, propane can meet all of a home's major energy needs, inside and out.



### PROPANE MEANS COMFORT

Homeowners want a place they can relax and truly feel at home. From more comfortable home heating to better home cooked meals, propane delivers.



### PROPANE SAVES MONEY

Propane is so affordable, and propane appliances are so efficient that homeowners can save hundreds of dollars in annual energy costs.



### PROPANE IS SUSTAINABLE

Much of America's electricity is produced by coal-burning power plants. Plus, it takes 2.52 units of electricity to produce and deliver one unit of energy to a home, versus just 1.01 for propane. For sustainability, propane wins hands down.

## BUILDING WITH PROPANE STARTS AT PROPANE.COM

Now that you know why you should be including propane rather than electric appliances in your plans, the Propane Education & Research Council can show you how. We have resources about everything from working with propane suppliers to tank placement, and even free courses about building with propane. Get started today, at [Propane.com](http://Propane.com).

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**PROPANE**  
CLEAN AMERICAN ENERGY™

## OUTPERFORMING ELECTRIC IN EVERY WAY

### PROPANE CAN DO THAT™



**A GUIDE FOR BUILDERS:  
MIDWEST REGION**

# PROPANE

## BETTER THAN ELECTRIC FOR YOU AND YOUR HOMEOWNERS

When natural gas isn't an option for a new home, going all-electric is the obvious choice, right? Think again. You're about to discover that for a home's most energy-intensive applications, propane is the smarter choice for your customers, and much better for your bottom line.

## THE ENERGY UPGRADE THAT PAYS

By including propane appliances in the homes you build, you're giving your customers a whole-home energy upgrade compared with electric appliances. Not only that, propane delivers that level of performance and comfort that home buyers will pay a premium to enjoy. In other words, building with propane is an easy way to set your homes above the competition, get more out of every home you build, and keep your business growing.

## EVERY APPLIANCE IS AN OPPORTUNITY TO OUTPERFORM ELECTRIC

Want more details? Let's look at the facts about propane and its performance in your region, in specific appliances from home heating to backup power.

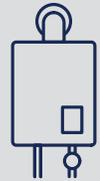
**Air Source Heat Pumps (ASHPs) can't compete with high-efficiency propane furnaces** for comfort or efficiency.

- In cold weather, ASHPs deliver air that feels cool. A high efficiency propane furnace **circulates air at a comfortable 115-125 degrees Fahrenheit.**
- A propane furnace has **annual energy costs up to 10 percent lower** than an ASHP.
- **Propane is a clean-air fuel, with low emissions.** ASHPs rely on electric resistance heating to meet demand in the coldest months. This makes ASHPs responsible for more carbon emissions.



### HOME HEATING

Maximizing floorspace is important, even in utility spaces. **You can fit a larger capacity propane storage tank water heater in the same space as a smaller capacity electric storage tank model.** And **propane tankless water heaters take up no floor space,** deliver endless hot water on demand, and offer lower annual energy costs than electric.



### WATER HEATING

- **A 40-gallon propane storage tank water heater delivers as much hot water as a 50-gallon electric model.** The propane model will also have twice the life expectancy of the electric unit.
- Homeowners can enjoy **23 percent lower annual cost-of-ownership** with a propane tankless water heater, compared to heat pump water heaters.



### FIREPLACES

An electric fireplace simply can't compare with the **ambiance, warmth, and efficiency of the real flames** in a propane-powered fireplace.

- Propane even outperforms wood. **Wood-burning fireplaces are only 15 percent efficient,** venting most of their heat outdoors.
- **Propane fireplaces are up to 90 percent efficient,** and can provide heat similar to a furnace for an individual room or space.

## MIDWEST PROPANE APPLIANCES

When building a home, consider piping the laundry room for propane. Even if the initial buyers choose an electric dryer, **future homeowners may want the option of propane performance.** After all, propane outperforms electric in this area, too.



### CLOTHES DRYING

- Propane dryers are **available in multiple capacities,** with all the latest options.
- Even high-output propane dryers will **save homeowners up to 20 percent** on annual energy costs compared with electric models.
- Propane heat not only reduces wrinkling, it's easier on clothing than electric dryers, so **clothes last longer.**

Gas performance is an upgrade that makes even a space-challenged kitchen feel upscale. **Ninety-six percent of professional chefs prefer cooking with gas** over electric, and homeowners will pay for that same kind of performance. It can even increase resale value, an important consideration for many home buyers.



### COOKING APPLIANCES

- Unlike electric, propane's precision temperate control can **switch from searing to simmering in seconds.**
- **Annual energy costs are just \$80-\$120,** and propane kitchen appliances generate about 30 percent fewer CO<sub>2</sub> emissions than electric units.

Thunderstorms, tornadoes, and blizzards will all knock out electricity in the Midwest. **A propane standby generator can be a major selling point for your new home** over a competitor's. It's the final touch that will offer buyers peace of mind.



### BACKUP POWER

- A propane generator will **start in as little as ten seconds** after a main power outage.
- Generators are **available for any size home or budget.**
- Propane doesn't degrade over time, unlike gasoline or diesel. It's **always ready to go.**