

PROPANE PRESS

An Informative Newsletter for Delta Liquid Energy Customers

Summer 2023

The Potential of Propane as a Renewable Energy Source

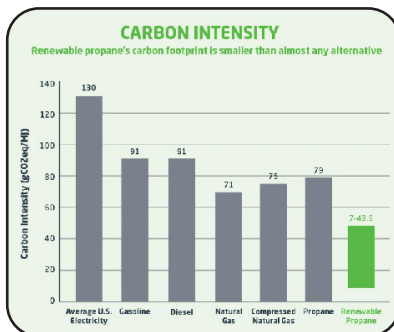
Renewable Propane – The Future of Renewable Energy

Propane is an increasingly important part of the energy mix as demand for renewable energy continues to grow. This is particularly true in rural areas where access to other renewable energy sources may be limited.

One of the most promising areas for the use of propane as a renewable energy source is in the production of biopropane, also known as renewable propane. Renewable propane is created from renewable sources such as biomass and waste products, making it a truly sustainable energy source, with the potential to replace conventional propane in various applications. Renewable propane is a drop-in fuel, meaning that it has the same molecular make up as conventional propane and can be used in all applications where conventional propane is traditionally used, so here is no need to upfit or change equipment that currently runs on propane.

ADVANTAGES OF PROPANE

Versatility is one of the main advantages of propane. It is used for heating and cooking, as well as powering vehicles and generators, making it capable of replacing fossil fuels in a variety of different applications.



Source: PERC

Propane is also a clean-burning fuel, producing fewer emissions than gasoline or diesel, which makes it a more environmentally-friendly choice for powering vehicles and generators, and can help to reduce air pollution in urban areas. Renewable propane also has a lower carbon intensity score in 49 states than the electric grid, as seen to the left. The exact carbon intensity of renewable propane is dependent on the type of feedstock used.

Additionally, propane is a cost-effective energy source, making it the perfect choice for reducing energy costs for homes and businesses. The Renewable Propane Alliance states that, compared to an electric water heater, a propane water heater will cost 30% less while producing 2.5 times more hot water.

ADVANCEMENTS IN RENEWABLE FUEL PRODUCTION

Several companies are already working on the production of renewable propane, and it is expected to become more widely available in the next few years. This will help to further reduce our dependence on fossil fuels and move us towards a more sustainable energy future. These companies include Alkcon Corp., GCE Holdings, and Obernon Fuels.

Propane has a bright future as a renewable energy source. Its versatility, cost-effectiveness, and environmental benefits make it an attractive option for homes and businesses alike. As we continue to transition towards a more sustainable energy future, propane will be playing a key role in this transition.



Scan to see the full blog and links.

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Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986

To comply with Proposition 65 & the Safe Drinking Water and Toxic Enforcement Act of 1986, we are obliged to issue the following warning:

PROPANE contains chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. State law requires us to warn you of the presence of these chemicals. Benzene, soot and formaldehyde are such chemicals. A trace amount of benzene may occur in propane, but will normally be consumed during combustion. Exposure can occur in and around oil fields, refineries, chemical plants, transport and storage operations, such as pipelines, marine terminals, tank trucks, and other facilities or equipment.

Exposure through leaking gas is possible. Soot and formaldehyde, byproducts of burning gas, are minimized by proper combustion. Delta Liquid Energy encourages all its customers to use propane safely. You should read and follow all use, care, and manufacturer instructions for propane appliances and equipment. Proper ventilation and frequent inspection of propane appliances and equipment are highly recommended.

Our service technicians are available to check and adjust your propane gas appliances. A warning odor is added to propane so that leaks of unburned gas can be quickly detected. If gas odor is detected, call us immediately.

Sources: Propane Education & Research Council, Renewable Propane Gas, GCE Holdings, LP Gas Magazine, Oberon Fuels

Propane Grill Safety Tips and Summer Grilling Recipes

Grill Up Delicious Recipes Using These Propane Grill Safety Tips

Grilling season is upon us, so fire up your propane grill and get to grilling! Safely, of course.

TO ENSURE SAFE AND OPTIMAL PROPANE GRILLING, FOLLOW THESE TIPS:

1. **Clean your grill thoroughly** to remove any fat and grease from the grates. This prevents flare-ups that can occur if the grates are dirty.
2. **Check for leaks** in the propane tank, connection, and gas line. Use a solution of water and dish soap to test the connections and hoses. Put the solution in a spray bottle and spray it on your connections. If bubbles form, there is a leak, and you should replace the affected component.
3. **Clear the cooking area of flammable items** such as paper lanterns and wicker baskets. These materials can easily catch fire if placed too close to the grill.
4. **Be aware of potential flare-ups**, especially when cooking fatty foods, and avoid overloading the grill, as dripping fat can cause flames to flare up.
5. **Never turn on the propane tank valve when the grill lid is closed.** This creates a buildup of propane, leading to a dangerous flash fireball when ignited.
6. **Do not leave the grill unattended while it is in use.** Flare-ups can quickly escalate and cause serious damage. Stay close to the grill and monitor it closely to take immediate action if needed.
7. **Keep a fire extinguisher close by.** Remember: water makes grease fires worse, so if it's a grease fire, douse it with baking soda or salt, not water! Always have a fire extinguisher nearby to put out any flames that get out of hand.



Service Locations

San Luis Obispo County
1960 Ramada Drive
Paso Robles, CA 93446
(805) 239-0616

Santa Barbara County
755 S. Blosser Road
Santa Maria, CA 93458
(805) 925-6050

Ventura County
1620 Lemonwood Drive
Santa Paula, CA 93060
(805) 525-3311

Antelope Valley
42165 North Sierra Hwy.
Lancaster, CA 93535
(661) 940-3120

Kern County - Bakersfield
3400 Buck Owens Blvd.
Bakersfield, CA 93308
(661) 323-2700

Kern County - Lake Isabella
5100 Lake Isabella Blvd.
Lake Isabella, CA 93240
(760) 379-2050

Kern County - Tehachapi
1582 Goodrick Drive #6B
Tehachapi, CA 93561
(661) 771-0101

North Las Vegas
13995 Grand Valley Pkwy.
North Las Vegas, NV 89124
(702) 333-2502

Tulare County
321 E. Noble Ave., Bldg. A
Farmersville, CA 93223
(559) 592-9681

NOW TRY OUT SOME OF THESE DELICIOUS SUMMER GRILLING RECIPES!



GOURMET BURGERS
W/ SUNDRIED TOMATOES



GOURMET VEGETABLE
PESTO SANDWICH



GRILLED MEDITERRANEAN
ZUCCHINI SALAD



GRILLED PEACH
COUSCOUS SALAD



GRILLED NECTARINES
W/ BURRATA AND HONEY



GRILLED CRANBERRY
PEAR CRUMBLE



Scan to get links
to the recipes.

Sources: Mighty Flame, Very Well Health, A Taste of Home

Propane Mower Benefits and Safety Tips for Your Business

The Benefits of Propane Mowers and How to Use Them Safely

Propane mowers have become increasingly popular for businesses in recent years due to their many benefits. They are more environmentally friendly than traditional gas and diesel mowers and can provide significant cost savings over time. However, it is important to take certain safety precautions when using a propane mower to avoid accidents.

ADVANTAGES OF PROPANE POWERED MOWERS FOR YOUR BUSINESS

- 1. Propane mowers emit fewer harmful pollutants than gas and diesel mowers.** Propane is a clean-burning fuel that produces fewer emissions than gasoline and diesel, meaning that propane mowers can help reduce air pollution and contribute to a healthier environment.
- 2. Propane is also a more cost-effective fuel than diesel.** Due to its typically lower cost and higher efficiency, propane tends to save you money on fueling your mowers.
- 3. Propane mowers require less maintenance than gas mowers.** Propane is a cleaner fuel and doesn't stress the engine as much as a gasoline or diesel-burning lawn mower. Propane mowers also require less frequent oil changes and spark plug replacements.
- 4. Propane mowers can give you an edge on your competition.** Propane can improve efficiency and provide immediate cost savings of 30%-40%, allowing you to adjust your pricing to beat out competitors for jobs.



HOW TO SAFELY USE A PROPANE POWERED MOWER

- 1. Read the manufacturer's instructions and follow them carefully.** Make sure that you are using the right type of propane for your mower and that you are storing the fuel safely.
- 2. Never smoke or use an open flame near a propane mower.** Propane is a flammable fuel, and any spark or flame could cause an explosion or fire. Always refuel your propane mower in a well-ventilated area and never store propane tanks in an enclosed space.
- 3. Never leave a propane mower unattended while it is running.** Always make sure that the mower is turned off before leaving it unattended, and never operate the mower in an enclosed space.

Propane mowers offer many benefits over traditional gas mowers, including lower emissions, cost savings, and less maintenance. However, it is important to take certain safety precautions when using a propane mower to avoid accidents. By following the manufacturer's instructions, taking the necessary safety measures, and meeting your states' requirements, you can enjoy the many benefits of using a propane mower for your business while keeping you and your employees safe.



Scan to see the full blog and links.

Sources: Propane Education & Research Council, Alliance Small Machines, Thompson Gas

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