Heat & Power: An Unbeatable Combination

EXPLORE THE BENEFITS OF PROPANE CHP AND MICRO-CHP UNITS FOR YOUR CUSTOMERS
The climbing costs of electricity, coupled with increasing power outages, have consumers and businesses both searching for options that are more affordable and reliable. Propane-powered combined heat & power (CHP) units are more than that – they’re also more efficient, slashing utility bills while producing far less harmful emissions, making it a better option for everyone, including your customers.

**Reliable Energy for Homes and Businesses**

Propane-powered CHP units use a generator to produce electricity, capturing heat that warms the air and water. The result is reduced energy expenditures, eliminating efficiency losses between power plants and buildings, leading to a lower carbon footprint — an environmentally friendly, affordable, and reliable energy source that won’t go down with the electric grid.

**Ready & Resilient: Where CHP Works Best**

The value of CHP and micro-CHP units can be found nationwide, wherever resiliency, electric grid independence, and preparedness meet. From a savings perspective, this map shows the top 20 states (based on 2020 sales) where CHP makes the most financial sense.

**BEST LOCATIONS FOR CHP IN THE U.S.**

Light green = low spark spread  
Dark green = high spark spread  
Top States / Propane Country
Efficient and Environmentally Friendly

CHP Systems Eliminate Efficiency Losses and Lead to a Reduced Carbon Footprint

Propane-powered CHP and micro-CHP units far outpace the efficiency and emissions of traditional heating or water-heating systems, surpassing energy savings from even the most efficient boilers.

With a Range of Applications, Capacities, and Partners, CHP Systems Offer Extensive Options

**MICRO-CHP**

- **1-3 kW**
  - SINGLE-FAMILY HOME (1800-2500 SQ FT)

- **3-10 kW**
  - SINGLE-FAMILY HOME WITH GREATER LOADS (POOL HEAT)
  - MULTI-FAMILY COMMERCIAL / LIGHT INDUSTRIAL

- **10-50 kW**
  - RESIDENTIAL APARTMENT BUILDINGS
  - COMMERCIAL / INDUSTRIAL (RESTAURANTS)

**LARGE CHP**

- **50 kW-1 MW**
  - LARGE COMMERCIAL AND INDUSTRIAL APPLICATIONS
  - (WAREHOUSING, MANUFACTURING, UTILITY POWER)

Learn more at propane.com
Strengthen Your CHP Knowledge

We’ve made it easy to learn about the benefits of CHP units even when not connected to the internet. Just use our app as an offline training tool to complete any of PERC’s eLearning modules, such as the “Introduction to CHP” and “Partnerships for Selling Solutions.”

Visit propane.com to download the app and start sharing CHP knowledge with your customers.