Setting the Standard For LNG & CNG Combination Stations
**What is LNG?**

Liquefied natural gas (LNG) is methane cryogenically cooled to a liquid form, reducing its volume for ease in storage and transport. Because LNG is lighter, more can be stored in fuel tanks without added weight, thus creating an efficient, and cost-saving fleet fueling solution.

**Why LNG?**

- **Economical**
  Save money with price-stable, less volatile fuel*

- **Cleaner**
  Reduce your fleet’s carbon footprint by up to 70%**

- **Domestic**
  Natural gas is abundant in North America and fuels the growth of our economy

- **Safe**
  Over 20 million+ vehicles around the world are fueling safely with Natural Gas

- **Competitive Edge**
  Put your green foot forward and attract new customers

- **Reduce Maintenance**
  LNG runs cleaner, protecting your engines*

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* When compared to gasoline or diesel.
** Only applies to fleets fueled with Redeem® LNG.
Clean Energy’s LNG fueling stations offer your drivers a convenient, easy-to-use, fast-filling (up to 23.5 DGEs per minute) experience that reduces operating costs and helps the environment.

Your Fleet. Your Fueling Station.

LNG fueling should be convenient, economic, and efficient. Whether you’re interested in private or public fueling, we know what it takes to develop a scalable station designed to suit your fleet’s needs, both now and into the future.

A Proven Track Record You Can Trust

For over 20 years Clean Energy® has designed, installed and maintained natural gas fueling stations across North America. In fact, over 70% of all stations in the U.S. have been developed by our dedicated team of station design experts. From site analysis and project financing to customized station engineering, our in-house suite of services is unmatched in the industry.

State-of-the-Art Service

We can build stations that offer both LNG and CNG fueling solutions, custom-fit to your fleet size and optimized with the highest performing equipment in the industry. Station quality and reliability begins with superior design and continues with ongoing support from our nationwide network of customer service providers.

Engineering & Construction

Our experienced full-time staff of engineers knows what it takes to design and build a fueling station scaled to fit your needs.

Technology & Equipment

As both the equipment manufacturer and installer, we ensure that your station is constructed correctly from day one.

Operations & Support

Fuel confident knowing that our nationwide team of technicians is on standby 24/7 to keep your station up and running under any circumstances.

Financing & Grants

We’ll help you create a realistic financing, grant or leasing solution that will keep your business moving forward.
Private or Public Fueling Stations

Private:
- Saves your business money at the pump
- Customized to meet your fleet’s needs
- Designed for secure, 24/7 driver access

Public:
- Creates opportunities to earn revenue from third parties
- Lower operational and maintenance costs
- Easily integrates into existing fueling stations creating high-traffic exposure and marketing opportunities

Combined Liquefied & Compressed Natural Gas Combination Stations

Your fleet may be most efficient if fueled with a combination of CNG and LNG. LCNG stations put you in the driver’s seat by supporting your fleet’s unique fueling needs.

- Doesn’t require access to a natural gas pipeline. Clean Energy’s fuel delivery team can deliver all the benefits of CNG & LNG right to your station
- Flexible solution for fleets traveling locally, regionally, and cross-country
- Offers the most energy efficient fueling for your (and your customers’) fleet

Scalable Solutions

Clean Energy stations are:
- Tailored to meet your business’s needs
- Expandable to grow with your fleet into the future
- Fully supported by Clean Energy’s expert station maintenance team
- Designed to accommodate CNG, LNG and Redeem®, RNG fueling capabilities

Learn more about LNG fueling stations at www.CleanEnergyFuels.com
LNG Station Components

1. **OFFLOAD PUMP SKID**
   Used to pump the LNG out of the trailer at 120 to 150 gallons per minute (GPM); offload time is between 1.5 to 2 hours.

2. **PROCESS SKID**
   Used for dispensing and saturation operations.

3. **LNG STORAGE TANK**
   Above ground storage with a recommended volume up to 18,000 gallons; other capacities available.

4. **FAST-FUEL LNG DISPENSER**
   Single hose dispenser with flow rates up to 23 DGE/min.

5. **TIME-FILL POST (OPTIONAL)**
   A fill hose at a parking stall connected to a common supply.

6. **SAFE-FILL TECHNOLOGY**
   Clean Energy’s advanced patented leak detection system.

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LNG & CNG Combination Station Components

1. **CNG/LNG COMBINED PUMP SKID**
   Specialized positive displacement pump that compresses LNG to CNG.

2. **HIGH PRESSURE VAPORIZER**
   Elevates temperature of cold CNG to safe temperature range for dispensing into vehicle tanks.

3. **CNG BUFFER STORAGE VESSELS**
   Required volume of 40,000 scf at 5,500 psi.

4. **ODORIZER SYSTEM**
   Odorizes the newly compressed natural gas for ease of detection.

5. **FAST-FUEL CNG DISPENSER**
   Dispenser with flow rates up to 12 DGE/minute.

6. **TIME-FILL POST (OPTIONAL)**
   A fill hose at a parking stall connected to a common supply.

7. **SAFE-FILL™ TECHNOLOGY**
   Clean Energy’s advanced patented leak detection system.
Let us find the right fueling solution for you.

Clean Energy is a pioneer in creating comprehensive natural gas fueling solutions for the transportation industry. We continually invest in developing and manufacturing new technologies. This means everything we do — from designing and operating stations, to helping you navigate financing options, gives you one of the most advanced fleets on the road today.

The switch to natural gas fuel is easier and more affordable than you think. Start saving money from day one, and reduce your carbon footprint with the leading domestic, alternative fueling solution.

To learn more, call the Clean Energy team today.

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