

Spectrum Energy Solutions

Compressed Natural Gas (CNG) Services



1. What is CNG? Natural gas compressed to 4,000 PSI

- Compressed Natural Gas (CNG) when decompressed is the same gas you would get in a utility pipeline
- The gas is taken directly from a nearby high-pressure natural gas pipeline and compressed into special high pressure CNG trailers which are trucked to the customer's site.



2. How safe is it?

- Gas is the same as pipeline gas
- It is pressurized using tanks that are constructed for this purpose and certified every three years
- If there is a leak it disperses into the atmosphere.

3. What are good applications?

- Where pipeline gas is not accessible
- Replacing propane, #2 oil, biodiesel, #6 oil and hog fuel
- Where your gas utility has curtailments and pipeline constraints

4. What are the benefits?

- Cost savings
- Cleanest commercial fuel
- Reduction in carbon/ GHG Emissions
- Renewable Natural Gas options
- No transportation charges from the utility

5. How does the cost compare to other fuels?

| Fuel | Cost per million Btu |
|-----------------|----------------------|
| CNG | \$9.59 |
| Propane | \$12.03 |
| #6 (Bunker Oil) | \$21.43 |
| #2 oil | \$28.72 |
| Biodiesel | \$32.60 |

6. Turnkey solutions

- Permitting
- Training
- On site redundancy
- Decompression skid
- Guaranteed available 24/7/365
- 24 x 7 Monitoring
- Fuel procurement options
 - Fixed Pricing
 - Index pricing
 - Gas Daily Index Pricing

7. System Components

- On site tube trailer
- On site decompression skid
- CNG delivery vehicles

