



CNG Refueling Solutions

Refueling Station Design

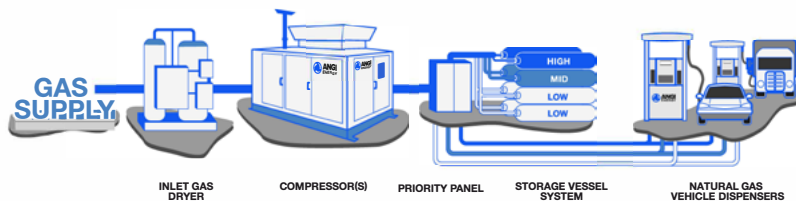


CNG Refueling Systems

Discover ANGI Energy's range of efficient CNG station layouts, including fast-fill, time-fill, and combination systems, customized to your needs. Renowned for minimizing life cycle costs, we provide superior customer service, precise project management, thorough maintenance, and tailored training programs to ensure project success.

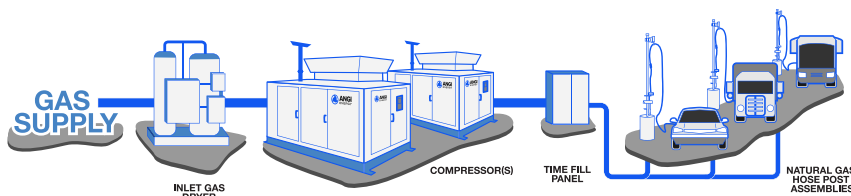
Fast fill systems

Provide immediate dispensing of CNG to vehicles ranging from passenger cars and fleet trucks to transit buses.



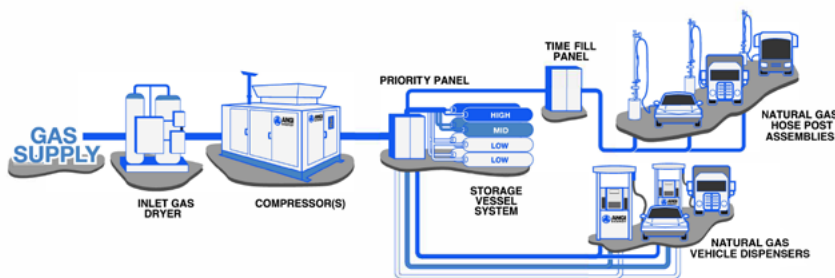
Time fill systems

A cost effective fueling option that allow vehicles to conveniently refuel overnight or when the vehicles are not in use.



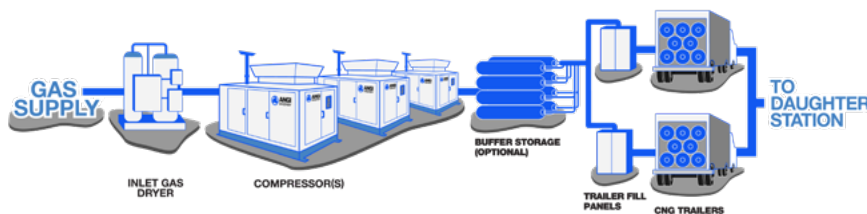
Combination systems

Feature both a fast and time fill system allowing high utilization of the compression capacity both day and night.



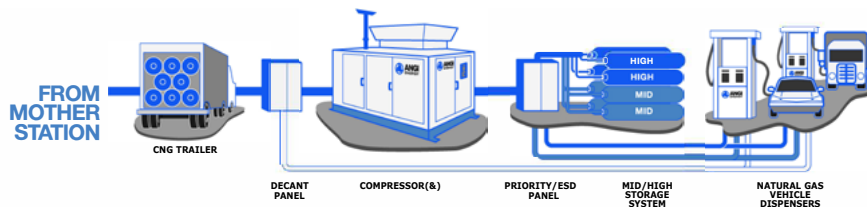
Mother systems

Used to fill large volumes of CNG into mobile storage trailers that are then transported to daughter stations.



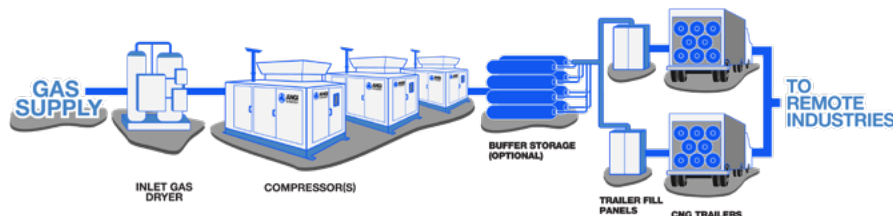
Daughter systems

Installed where a CNG fill station utilizes mobile CNG storage as the fuel source for the station.



Tube trailer systems

Used to supply industrial operations and stationary engines with natural gas where there is no natural gas pipeline.



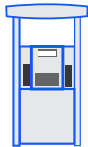
System components

ANGI Energy supplies all of the components required for refueling CNG vehicles. This equipment ranges from standard products to highly specialized custom designs for specific customer needs.



Compressors

Modular design with sound attenuated enclosures are available for outdoor weatherproof protection. Integrated systems can include the inlet gas dryer, storage, and priority panel mounted on the compressor skid.



Dispensing products

ANGI Energy offers various high quality dispensing options for single or dual hose applications. The dispenser's software provides independent sequence functions for each hose, large LCD display of volume and costing, and an easy-to-use operator interface keypad.

Features:

- Single and dual hose designs
- One, two, or three bank sequencing
- Coriolis mass flow metering
- Internal microprocessor controller
- Electronic temperature compensation
- NGV1 Type 1 or Type 2 nozzles
- Certified for Weights and Measures
- High flow bus or fleet/truck dispensers available



Inlet gas dryers

- Standard and custom designs
- Dew-point detection available
- Regenerating and non-regenerating
- Manual and fully automatic regeneration



Valve panels

- Electronic or pneumatic controls
- Integrated ESD valves
- Custom designs



Storage vessels

- PED vessels
- Various configurations and vessel sizes available
- Designed for seismic applications



System controls

- Distributed control systems
- Programmable Logic Controller (PLC) and embedded system designs
- Pre-engineered unit and master control panels
- Remote communication and monitoring
- SCADA design
- High degree of connectivity with SCADA systems
- ATEX certified for hazardous locations
- Developed and supported by our in-house design team



ANGI Energy: A Trusted Partner for Your CNG Needs

2,000+

Natural gas stations installed over the last decade

#1

#1 supplier of CNG systems in North America

40+

40+ years' experience in compressed gases