Compressed Natural Gas Fueling Facilities

Compressed Natural Gas (CNG) can provide fleet managers with a 30-percent fuel savings and a potential revenue stream to help manage operations and maintenance budgets during times of rising and unpredictable fuel prices.

Freese and Nichols (FNI) and ZeitEnergy have teamed to provide fleet managers with a low initial investment, turn-key opportunity to develop a CNG fueling facility, providing you with the full range of feasibility and cost analysis, design, construction, and possible fueling-contract services. In addition, a CNG fleet clearly demonstrates your commitment to long-term, sustainable solutions for environmentally sensitive issues, as well as access to less-expensive, domestic fuel for your service fleet.

Our combined team has a long-standing tradition of innovative solutions. We are experienced and we understand your specific project issues. We have developed CNG facilities and operating plans, including revenue opportunities working with nearby fleet managers, for municipal and private fleet customers throughout the Southwestern United States.

Pensacola Energy CNG Facility
Our team provided design, construction, and operation and maintenance services for this large time-fill and retail fast-fill station in Pensacola, Fla.

Southwestern Energy CNG Facility
Our team provided consulting, procurement and engineering services for a large fast-fill station in the Fayetteville Shale area of Arkansas near Damascus, Ark.
Our team provides full-service capabilities for your CNG project, including funding, engineering and design, permitting, site civil, mechanical, electrical, landscape, environmental, storm water, construction, and 3-D rendering capabilities. As illustrated above, our team can guide you through the multi-step process of a CNG project. We make projects happen by leveraging finance opportunities to benefit our clients. There are many funding and grant opportunities available at local, state and federal levels that result in zero-to-low initial investment for the owner.

The Texas Clean Transportation Triangle is an example of beneficial funding for natural gas fleet and infrastructure development. A Texas law that was passed will provide funds for the conversion of heavy-duty fleet vehicles to natural gas vehicles and the development of additional natural gas infrastructure in the Texas Triangle (the area between Dallas/Fort Worth, Houston and San Antonio/Austin).

Funding Assistance
We can help your municipality take advantage of economic and legislative opportunities through innovative solutions that offer significant benefits to your bottom line. Current opportunities include fueling contracts, municipal leasing, monetizing federal and state tax credits, public-private partnerships, capital financing, and more. Our team’s goal is to provide economically viable solutions to meet the needs of our clients.

Benefits of CNG to Municipal Fleets

The conversion to CNG is one of the most important decisions a fleet can make. Our team has developed a program that eliminates the guesswork associated with such an important decision and provides facts, analyses, and recommendations all assembled by professionals with more than 40 years of experience in the CNG business.

Specifically CNG will:
- Reduce the cost of fuel for fleet services by more than 30 percent
- Reduce the cost of fleet maintenance by more than 10 percent
- Reduce vehicle emissions by more than 30 percent
- Demonstrate commitment to green energy and sustainable living while reducing dependency on foreign oil

In addition, a CNG facility located in your area provides:
- CNG fueling access for citizens
- New revenue stream for your municipality
- Economic growth opportunities for your area
- Potential partnerships with school districts and neighboring municipalities

For more information, please contact:
Kevin Yu, ZeitEnergy, LLC
kevin@zeitenergy.com
214-789-8945

Freese and Nichols is a full service professional consulting firm and the first engineering/architecture firm to receive the Malcolm Baldrige National Quality Award. With offices in Texas and North Carolina, Freese and Nichols provides services in engineering, architecture, environmental science, planning, construction services, energy and program management.