# Clean Energy Fuels Corp.

## Long Island CNG Station Infrastructure

*"The State of New York has established the most progressive policy and program for State Agencies in the country, for reducing foreign oil dependency, air pollution, and leading the shift to natural gas in preparation for the future use of hydrogen. This public/private partnership provides an important means for local agencies to develop and expand their natural gas vehicle programs while establishing a network of publicly available fueling stations."*

*- Andrew J. Littlefair*
*President & CEO of Clean Energy Fuels Corp.*

**Background:**

Compressed Natural Gas (CNG) is one of the cleanest alternative fuels for transportation. Compared to gasoline and diesel fuel, it produces approximately 70% less carbon monoxide, 50% less nitrogen oxides, and 90% less ozone-related pollutants. Particulate matter, or soot, is decreased by approximately 90%.

CNG has to be stored in a pressurized tank on the vehicle. Specialized CNG pumping distribution facilities are needed to serve the growing number of vehicles using this alternative fuel. As a part of a multi-station infrastructure plan for New York State, compressed natural gas stations were built and opened to the public. These stations create a "clean fuel corridor" in New York State, making CNG readily available to school districts, local governments, private business, and the public. Clean Energy Fuels, Corp., the leading provider of vehicular natural gas in the nation, entered into this partnership with New York State to help promote the use of this environmentally friendly form of fuel.

**Initiative:**

To assist in the development of this project, the New York State Energy Research & Development Authority (NYSERDA) provided more than $160,600 in funding to Clean Energy Fuel, Corp. The funds were used to build a new CNG station in Syosset, NY, and to allow the company to assume operation and make improvements to an existing CNG station in Hauppauge, NY.

Not only did this funding go towards building the infrastructure for the stations, it also funded public education, outreach campaigns, program publicity, and marketing of CNG as environmentally friendly clean energy.

**Results:**

The highlights of this CNG infrastructure plan include:

- increased use of CNG by local fleets
- decreased dependence on foreign oil
- cost savings for owners of CNG vehicles
- improved public access to a clean transportation fuel
- cleaner air in our communities
- heightened public awareness to the benefits of CNG

For more information about these services, contact NYSERDA
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