

SUCCESS STORY
TOWN OF GREENEVILLE

BACKGROUND

The Greeneville Police Department consists of 54 sworn full-time officers and approximately 30 auxiliary police officers. The Greeneville Police Department strives to protect and serve the citizens in our community, to protect and uphold the United States Constitution, and to maintain the highest standards of integrity and ethical conduct.

PROGRAM SNAPSHOT

In 2018, Todd Smith, City Administrator for the Town of Greeneville, TN, wanted to reduce the town’s expenses as well as their impact on the environment. Smith started to research the potential benefits of adding an autogas program to the town’s fleet, and found that by working with Alliance AutoGas (AAG), they could purchase fuel at a fixed rate, have reduced maintenance requirements, and the ability to reduce the town’s carbon footprint. “After confirming those key benefits, we knew this was a program to implement,” said Smith.



Todd Smith,
City Administrator

FLEET STATISTICS

FLEET TYPE:

Police Department

AUTOGAS VEHICLES IN FLEET:

18 total

13 Ford Law Enforcement Sedans
5 Ford Law Enforcement Explorers

ANNUAL AUTOGAS MILEAGE:

15,970 per vehicle

AUTOGAS FUELING:

On-site Fueling

**TIME OPERATING
FLEET ON AUTOGAS:**

2 Years

WORKING WITH ALLIANCE AUTOGAS

The Town of Greeneville started with converting three of their Law Enforcement Ford Explorers. One benefit of the converted police vehicles that Smith soon found was having a bi-fuel engine. An autogas bi-fuel vehicle is a conventional gasoline vehicle that can run on both autogas and gasoline. The primary advantage of a bi-fuel system over a dedicated “monofuel” system is its elimination of range anxiety when compared to other alternative fuel vehicles. “In addition to upfront benefits found in autogas, having an additional fuel increases the department’s loiter time in our vehicles for emergencies,” according to Smith.

The Alliance AutoGas National Network also includes AAG Certified Service and Installation centers. Kyker’s Extreme Automotive, which is owned and operated by Dale and Lisa Kyker, has served the Greeneville area since 1982, and has a long history of servicing the town of Greeneville’s vehicles. As such, it was only natural that Kyker’s became a certified Service and Installation Center so that they were able to continue maintaining the town’s vehicles. “We actually started propane conversions in 1988 for a local fleet, and one of those trucks is still in use today,” said Dale

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Kyker. “Working with AAG has been simple, straight-forward, and the training was top notch. The AAG conversion systems are relatively flawless and very well designed. We believe propane is a great alternative fuel with less of a carbon footprint than gasoline.”

RESULTS + AUTOGAS BENEFITS

After seeing the success with its three initial autogas vehicles, the Town of Greeneville expanded its autogas program with AAG. The town currently has 18 converted autogas vehicles for the local police department, which includes 13 Ford Law Enforcement Sedans, and five Ford Law Enforcement Explorers. As with many of AAG’s customers, the Town of Greeneville decided to invest in its own autogas refueling station. “AAG was able to quickly deliver and install a propane vehicle refueling station for the town that is as similar to operate as going to your regular gasoline station,” says David Kennedy, Director of Autogas Design at Alliance AutoGas. “The Town of Greeneville officers can easily drive up, activate, and fill their vehicles with propane at their very own convenient AAG propane station.” When speaking on the refueling infrastructure, Smith added, “With the new infrastructure, our officers can refuel their vehicles quickly while being able to easily respond to calls. It makes refueling very convenient for our department.”

Alliance AutoGas member Blossman Gas is the refueling partner in this project. Scott Prewitt, Regional Vice President for Blossman Gas says, “Blossman is proud to have the opportunity to serve the town and this police department. It shows how much their leadership cares about the residents they serve. Autogas gives fleets a peace of mind for the department in knowing they have a sustainable domestic fuel source.” To date, the Town of Greeneville has used 18,500 gallons of autogas, which according to EPA calculations displaces 566 barrels of oil and 448 short tons of greenhouse gas emissions.

MOVING FORWARD

Happy Fox, an Alternative Fuel Consultant for AAG says, “The Town of Greeneville has an outstanding team that is committed to serving the local community. They have been great to work with in regards to their autogas program.” When discussing the future of the propane autogas program, Todd Smith added, “Propane now is an option to consider when looking at alternative fuel sources across the Town of Greeneville. We are currently discussing being able to expand our program for local school buses among other departments.”