

TRENDS IN CLEAN TRANSPORTATION

United States Postal Service Contract Delivery Vehicles

What do the United States Postal Service's new sustainability goals mean for thousands of its parcel delivery contractors?

Many USPS contractors are building sustainable fleets by adopting vehicles powered by propane autogas — an affordable, non-carcinogenic, domestically produced, readily abundant fuel that is dramatically cleaner than diesel or gasoline.

According to the World LP Gas Association, vehicles fueled by propane autogas emit 96% less nitrogen oxides than diesel and 68% less than gasoline.

Compared to Diesel and Gasoline, Propane Vehicles:

- Reduce fuel and maintenance expenses by an average of 50%.
- Reduce tailpipe emissions by 64%.
- Start up in extreme temperatures, up to negative 40 F.
- Reduce noise by 50%.
- Require no additional or complex fluid or filter systems.

Propane Makes Sense

USPS contractors can decrease emissions and costs immediately without compromising on reliability, range or performance.

“If there is anything that should move with a reliable, domestic source of energy, it is the mail. The postal service is urging more contractors to use this technology.”

— Greg Reed, National Star Route Mail Contractors Association

“Propane autogas is a viable solution to provide contractors with the low-emissions energy they need to best service their communities right now.”

— Jennifer Beiro-Réveillé, Environmental Affairs and Corporate Sustainability, United States Postal Service

PROPANE VEHICLES AT A GLANCE



Contributes to America's collective goal of achieving net zero emissions.



Utilizes a widely available, domestically produced resource.



Offers the lowest total cost of ownership of any fuel source.



Places no burden on the electrical grid.



Refuels easily and quickly, with a long-driving range.



Eligible for state and federal grants and incentive programs, including \$.037 per gallon alternative fuel tax credit.

ROUSH CleanTech's propane engine is 90% cleaner than the EPA's most stringent emission standard for NOx.

DDA Transport



- Established 1996, New Hampshire.
- 90,000 miles travel distance per propane truck per year.
- Plans to achieve a 50/50 mix between diesel and propane autogas.

“As a supplier to the US Postal Service, we are continually striving to find ways to protect the environment. Our fuel consumption is our biggest environmental concern, so the ability to lower this impact through propane helps us achieve our short- and long-term goals.”

— Dwayne Andreasen, DDA Transport

Hi Pro, Inc.



- Established 1978, California.
- 70,000 miles travel distance per propane truck per year.
- First U.S. Postal Service contractor in Colorado to integrate propane vehicles through a Department of Energy-funded pilot project called Delivering Clean Air in Denver: Propane Trucks and Infrastructure in Mail Delivery Application.

“The cost of propane autogas is a fraction of what I would be paying for diesel. And to top it off, the fleet is reducing emissions at the same time.”

— Joshua Stoneback, Hi Pro, Inc.

McAbee Trucking



- Established 1971, South Carolina.
- 96,000 miles travel distance per propane truck per year.
- Delivered 40 to 50% more packages in 2020 without increasing fuel or maintenance costs. Reduced total cost of ownership by 60%. Upgraded facilities, vehicles and parking lots with the savings.

“I want my grandkid's grandkids to have a clean environment. I have breathing issues, as so many others do. I want to do more than my part to help.”

— Lisa McAbee, McAbee Trucking

Nicholas Trucking



- Established 1943, Pennsylvania.
- 70,000 miles travel distance per propane truck per year.
- Received support from Eastern Pennsylvania Alliance for Clean Transportation and Driving PA Forward. Saves more than 53% on direct fuel costs.

“There are a ton of things we love about propane trucks ... our goal is to transition away from diesel and continually add more near-zero-emission vehicles to our fleet.”

— Alexander Nicholas, Nicholas Trucking

ROUSH
CLEANTECH

FOR MORE INFORMATION

ROUSHcleantech.com 800.59.ROUSH