



# CONSIDERING ALT-FUEL FLEET VEHICLES?

Picture the school bus you likely rode to school as a kid. What comes to mind? Yep ... black smoke and maybe a bad cough. But there are cleaner alternatives to diesel and gasoline school buses, and other fleet vehicles, like transit buses and work trucks.

Electric models are one option, and garner plenty of headlines, but propane vehicles cost far less, drastically reduce tailpipe emissions and save big-time on fuel and maintenance expenses. Best of all, they are easily refueled.

## PROPANE FUELING OPTIONS

### Permanent Onsite Private Refueling Station - Advanced or Standard

- Includes large-capacity propane storage tank, pump, meter and one or more dispensers.
- A propane supplier will deliver fuel based on your needs, weekly or even daily.

### Temporary Refueling Structure

- Includes a skid-mounted tank, pump and dispenser, all owned by your propane provider.
- Your fleet uses the equipment as long as it takes to build a permanent station.

### Public Refueling

- No infrastructure investment required.
- Visit [afdc.energy.gov/stations](http://afdc.energy.gov/stations) to find a propane refueling station in your area.

## STATION TYPES

### Advanced Private Station: More Than 50 Vehicles

- Includes high-capacity tank.
- Canopy and multiple fuel dispensers.

### Standard Private Station: Less Than 50 Vehicles

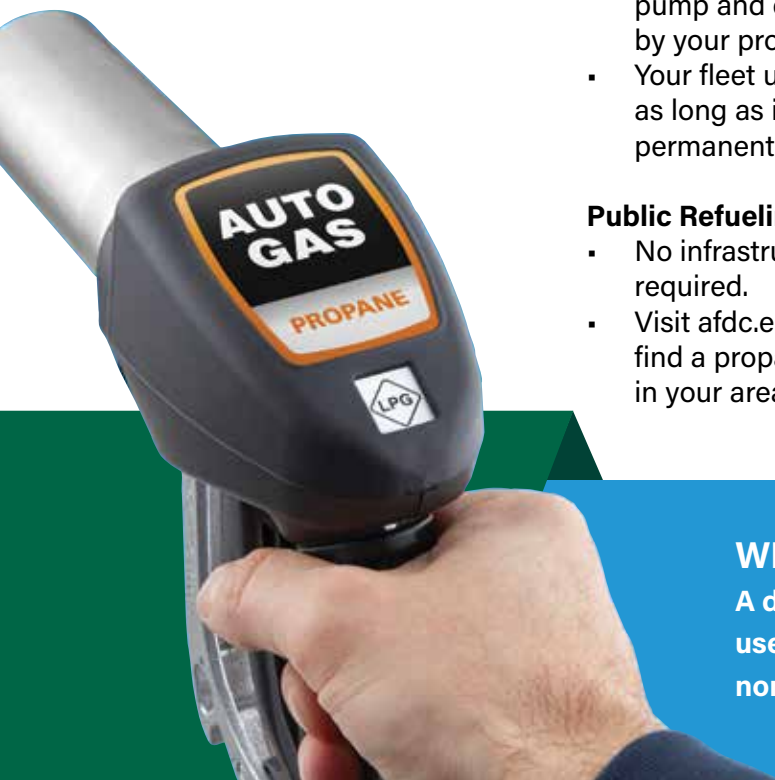
- Includes 1,000- to 3,000-gallon tank.
- Canopy and single propane fuel dispenser.

Both station types can be owned by the fleet itself or the propane provider.

A propane provider can provide and install a station for fleets signing a fuel contract.

## WHAT IS PROPANE?

A derivative of natural gas and oil refining, 90% of propane used in the United States comes from the U.S. It's nontoxic, non-carcinogenic and non-corrosive.



## IT'S EASY TO FUEL A PROPANE VEHICLE

FOLLOW THESE  
STEPS TO SUCCESS



1

Make sure the vehicle is off.

2

Verify there are no open flames or ignition sources within 25 feet of the vehicle.

3

Open the fuel door and unscrew the dust cap.

4

Check that the fueling connection is clean and free of road debris.

5

Remove the K-15 fuel nozzle from the dispenser and push the nozzle over the fill valve to ensure it is engaged.

6

Activate the dispenser and begin fueling. When the fuel tank level reaches 80% storage capacity, fuel flow will automatically stop due to overfill protection device.

7

After disconnecting or releasing the nozzle, return it to the dispenser, replace the dust cap and shut the fuel door.

## DISPENSER DATA POINTS

Some propane dispensers are smart enough to track the data you need to better manage your fleet. The Superior Energy Systems PRO-Vend 2000/2500 tracks key data like driver and vehicle identification, mileage and gallons pumped for virtually unlimited number of vehicles. The cloud-based system is available 24/7 via mobile phone and updates in real-time.

## MAINTAINING YOUR ONSITE PROPANE STATION

Station maintenance should be conducted quarterly. There are three keys to maintenance:

1. Routine pump maintenance.
2. Testing dispenser functionality.
3. Testing safety systems.

Driver training must also be conducted once every three years, with refresher courses on proper bus refueling.

Superior Energy Systems



## NOW WHAT? GET IN THE KNOW.

Contact Superior Energy Systems to learn more about a propane autogas refueling system that meets your needs.

Call 440-236-6009 or visit [SuperiorNRG.com](http://SuperiorNRG.com).

CONTACT YOUR LOCAL PROPANE PROVIDER to coordinate a fueling program.