



About the Southeast Propane Autogas Development Program and Autogas Benefits

About the Southeast Propane Autogas Development Program (SPADP):

- This Program is one of the largest propane autogas vehicle deployment projects in U.S. history
- Over the four-year funding period of the Program, over 1,200 vehicles will be converted from gasoline to autogas and more than 35 autogas refueling stations will be installed throughout the southeastern U.S. More than 30 fleets are participating in the Program.
- The Program is coordinating conversions for more than 30 public and private fleets in 10 Southeast states: Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, Tennessee, Virginia and Maryland. Denver and Pittsburgh are also represented in the Program.
- The Program expects to create dozens of jobs, displace approximately 4 million gallons of gasoline and eliminate about 4,000 tons of airborne pollutants each year the vehicles are on the roads.
- The Program is partially funded by grants from the American Recovery and Reinvestment Act and the U.S. Department of Energy's Clean Cities Program, but the Program requires a 50-percent minimum cost share from participating partners.
- The Program is managed and administered by the Virginia Department of Mines, Minerals and Energy and Virginia Clean Cities at James Madison University. Clean Cities is a government-industry initiative to reduce petroleum use in transportation and facilitate higher air quality. Clean Cities is sponsored by the U.S. Department of Energy's Vehicle Technologies Program. Since 1993, Clean Cities coalitions and stakeholders have displaced nearly 3 billion gallons of petroleum.
- Alliance AutoGas is providing the conversion kits and technology for all Program conversions, and Alliance's national network of certified conversion centers are converting the vehicles for the fleets.

About propane autogas:

- Propane autogas is the term for propane when used as an alternative vehicle fuel. Autogas is the most widely used alternative fuel in the world, and has a proven record of being safe and reliable.
- The price of autogas historically averages at \$1 less per gallon than gasoline, and is affordable even without tax incentives.
- Autogas vehicles emit significantly less harmful greenhouse gas emissions, reducing emissions by approximately 20 percent compared to gasoline vehicles. As a nontoxic and nonpoisonous fuel, autogas would dissipate into the atmosphere with no harm to the environment should there be an accidental release of the fuel.
- The cost for a fleet to convert existing vehicles to autogas is significantly cheaper than the cost for them to purchase new alternative fuel vehicles. The fueling infrastructure for autogas is also much less expensive than other alternative fuels.
- Because autogas has a higher octane rating than gasoline, fleets often report their autogas vehicles incur fewer maintenance costs and oil changes and yield increased engine life.
- Most drivers of autogas vehicles don't notice a difference between their performance and that of their gasoline vehicles. Some even report their autogas vehicle as having a quieter, smoother ride.