



Points of Pride in Alternative Fuels

Tennessee's First Congressional District

Greene County

- Greene County Schools operates over twenty buses utilizing propane Autogas.
- Greeneville Police Department operates six propane Autogas-fueled vehicles as a crucial part of their fleet. The police department has partnered with Alliance AutoGas for a program designed to save money, help the environment, and improve emergency response by converting to propane fuel. The move is estimated to save the Town of Greeneville \$10,000 annually.¹

Hancock County

- Hancock County Schools currently operates eight or nine propane Autogas-fueled buses and plans to pursue electric buses.

Hawkins County

- Hawkins County Schools are slated to receive two new propane Autogas-fueled school buses. This will make a total of five propane buses in operation.

Jefferson County

- Jefferson County Schools currently operates one or two propane Autogas-fueled buses, with plans to expand their alternative fuel vehicle fleet soon.

Johnson County

- Johnson County Schools currently operates two electric school buses.

Sullivan County


- The City of Kingsport's Fleet Management Department currently has over one hundred (100) propane vehicles in operation, with some electric vehicles being utilized by the Kingsport Police Department. The city has also converted twenty police cruisers to run on propane Autogas as a part of its efforts to reduce fuel costs. So far, Kingsport's propane and hybrid electric vehicle fleet has saved the city more than \$250,000 in fuel costs over the

¹ Butane-Propane News. (January 7, 2019). *Tennessee Police Upgrade to Cleaner Propane-Powered Patrol Cars*. <https://bpnews.com/feature-articles/tennessee-police-upgrade-cleaner-propane-powered-patrol-cars>

last decade.²

Washington County

- *Washington County Schools* operates one electric school bus (a Lion electric) and eleven to thirteen propane Autogas-fueled school buses. According to Jarrod Adams, assistant director of schools, “While the propane buses cost a little more on the front end - \$92,000 compared to \$86,000 for diesel models – they will save *Washington County* money over the fifteen years that they are in service in terms of the maintenance needed to meet environmental standards and emission goals.”³
- *NET TRANS* operates nineteen propane Autogas-fueled vehicles as a part of its fleet.⁴

 A Closer Look: Propane Autogas	 Contact Us
<p>Running propane Autogas in light and medium-duty vehicles offers numerous benefits, particularly in terms of reducing maintenance headaches and reducing on-the-ground emissions that are harmful to human health.</p> <p>Vehicles powered by propane Autogas exhibit fewer maintenance issues compared to their gasoline and diesel counterparts due to propane's clean-burning properties. This alternative fuel leaves minimal deposits on engines, which translates to less wear and tear, longer engine life, and reduced need for oil changes and overall maintenance. This advantage not only contributes to more reliable vehicle performance but also significantly lowers maintenance costs over the vehicle's lifespan.</p> <p>Furthermore, the use of propane Autogas leads to a notable reduction in emissions that are harmful to human health, including particulate matter, nitrogen oxides, and hydrocarbons. By emitting fewer pollutants, propane Autogas vehicles play a crucial role in improving air quality and protecting public health.</p>	<p>Daniel Siksay, <i>Chief of Staff, East TN</i> 865-974-9665, daniel@etcleanfuels.org</p> <p>Chris Black, <i>Development Director, East TN</i> 865-974-0721, chris@etcleanfuels.org</p> <p>Alex Strong, <i>DET Director, East TN</i> 865-974-1880, alex@driveelectrictn.org</p> <p>Alexa Voytek, <i>Coordinator, Middle-West TN</i> 615-532-0238, alexa.voytek@tn.gov</p> <p>Mark Finlay, <i>Energy Analyst, Middle-West TN</i> 615-253-3676, mark.finlay@tn.gov</p> <p>www.TNCleanFuels.org</p> <p>East TN Clean Fuels is hosted at ISSE, which is a part of the Tickle College of Engineering at UT Knoxville.</p> <p>Middle-West TN Clean Fuels is hosted at TDEC.</p>

² Government Fleet Staff. (October 3, 2018). *Tenn. PD Expands Propane Use for Cost Savings*. Government Fleet. <https://www.government-fleet.com/314975/tenn-pd-expands-propane-use-for-cost-savings>

³ Robert Houk. (August 27, 2020). *Washington County Shows Off New Propane Buses*. Johnson City Press. https://www.johnsoncitypress.com/living/features/washington-county-shows-off-new-propane-buses/article_4aae13fc-e7c8-11ea-80b2-5be394315683.html

⁴ *NET TRANS*. (February 7, 2024). <https://www.nettrans.org/news-events/nettrans-operates-propane-vehicles/>