



## Points of Pride in Alternative Fuels

Tennessee's Sixth Congressional District

### Davidson

- *Nashville International Airport (BNA)*'s shuttle bus fleet has transitioned to Compressed Natural Gas (CNG) as its primary fuel source. BNA has reduced its greenhouse gas emissions associated with shuttle operations while maintaining the same hourly cost for labor, operation, and maintenance. The game-changer was a fleet of twenty-eight new buses that run on CNG and a \$1.9 million facility to fuel them. According to Christine Vitt, Vice President of Strategic Planning and Sustainability for the Airport Authority, "The project team was hoping to lower bus operating costs to \$1.79 per gasoline gallon equivalent, but instead achieved \$1.62."<sup>1</sup>
- *Aero Build, LLC* recently announced it will invest \$861,000 to expand its manufacturing operations in Nashville. The investment will create an additional 43 jobs at its headquarters in Davidson County, and these new positions will support the production and innovation of its Coast fully electric luxury RVs.<sup>2</sup>

### Pickett

- *Xos* builds its current products in flexible contract operations in Tennessee with *Fitzgerald Manufacturing Partners*. "What Tennessee provides is the facility and access to local talent, especially in the last few years, when we've seen a really tight labor market," Giodano Sodoni, Xos Chief Operating Officer and Co-Founder, said. "It's been really helpful to have people in eastern Tennessee who have spent the last couple of decades putting trucks together." Xos offers commercial fleet electrification solutions, including class 5-8 electric trucks, charging infrastructure and energy solutions.<sup>3</sup>

### Putnam

- *Putnam County Schools* is operating the first of two electric school buses in their district, with plans to expand the fleet.

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<sup>1</sup> Bradley, J. *Nashville Int'l Transitions Shuttle Bus Fleet to Compressed Natural Gas*. Airport Improvement Magazine. (May-June 2018). <https://airportimprovement.com/article/nashville-int-l-transitions-shuttle-bus-fleet-compressed-natural-gas>

<sup>2</sup> Tennessee Department of Economic and Community Development. (September 6, 2023). *Governor Lee, Commissioner McWhorter announce Aero Build, LLC to expand manufacturing operations in Davidson County*. [https://tnecd.com/news/governor-lee-commissioner-mcwhorter-announce-aero-build-llc-to-expand-manufacturing-operations-in-davidson-county/?utm\\_source=Subscribers&utm\\_campaign=136ef92353-EMAIL\\_CAMPAIGN\\_2019\\_06\\_03\\_04\\_13\\_COPY\\_01&utm\\_medium=email&utm\\_term=0\\_2936ece1a0-136ef92353-147270661](https://tnecd.com/news/governor-lee-commissioner-mcwhorter-announce-aero-build-llc-to-expand-manufacturing-operations-in-davidson-county/?utm_source=Subscribers&utm_campaign=136ef92353-EMAIL_CAMPAIGN_2019_06_03_04_13_COPY_01&utm_medium=email&utm_term=0_2936ece1a0-136ef92353-147270661)

<sup>3</sup> Adler, A. (May 11, 2022). *Electric Truck Maker Xos Evolves into Full-Fledged Manufacturer*. *FreightWaves*. <https://www.freightwaves.com/news/xos-evolves-into-electric-truck-manufacturer>

## Scott

- *Oneida Special School District* is currently operating three or four school buses using propane Autogas.

## Wilson

- *Tritium DCFC Ltd.* expects to create more than 500 new jobs over the next five years in Lebanon. Tritium designs and manufactures proprietary hardware and software to create advanced and reliable DC fast chargers for electric vehicles.<sup>4</sup>

 <b>A Closer Look: The Economic Impacts of EV-Related Projects</b>	 <b>Contact Us</b>
<p>According to the Tennessee Department of Economic and Community Development, the following benefits are currently being enjoyed by individuals and businesses across the Volunteer State.</p> <ul style="list-style-type: none"><li>• 191,000+ Electric Vehicles manufactured in Tennessee since 2013.</li><li>• \$16.2+ Billion in Capital Investment from EV projects since 2017.</li><li>• 200,000+ EVs projected on Tennessee roads by 2028.</li><li>• Tennessee is ranked #1 in the Southeast for EV manufacturing employment and investment.</li><li>• Four major OEMs are currently manufacturing in Tennessee.</li><li>• 12,300+ New Job Commitments since 2017.</li><li>• 20,800+ Tennesseans are employed by companies with EV operations.</li></ul>	<p><b>Daniel Siksay</b>, <i>Chief of Staff, East TN</i> 865-974-9665, <a href="mailto:daniel@etcleanfuels.org">daniel@etcleanfuels.org</a></p> <p><b>Chris Black</b>, <i>Development Director, East TN</i> 865-974-0721, <a href="mailto:chris@etcleanfuels.org">chris@etcleanfuels.org</a></p> <p><b>Alex Strong</b>, <i>DET Director, East TN</i> 865-974-1880, <a href="mailto:alex@driveelectrictn.org">alex@driveelectrictn.org</a></p> <p><b>Alexa Voytek</b>, <i>Coordinator, Middle-West TN</i> 615-532-0238, <a href="mailto:alexa.voytek@tn.gov">alexa.voytek@tn.gov</a></p> <p><b>Mark Finlay</b>, <i>Energy Analyst, Middle-West TN</i> 615-253-3676, <a href="mailto:mark.finlay@tn.gov">mark.finlay@tn.gov</a></p> <p><a href="http://www.TNCleanFuels.org">www.TNCleanFuels.org</a></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>

<sup>4</sup> Madlom, K. (November 22, 2023). *Electric Vehicles: Charging Forward in Tennessee*. Livability. <https://livability.com/tn/education-careers-opportunity/electric-vehicles-charging-forward-in-tennessee/>