



## Points of Pride in Alternative Fuels

Tennessee's Fifth Congressional District

### Davidson County

- The *Metropolitan Government of Nashville & Davidson County* operates a fleet of approximately 71 electric vehicles, with plans to continue fleet expansion.
- *AAA Tennessee* has launched a pilot program geared toward assisting EV drivers. Nashville is one of sixteen U.S. cities selected to receive a version of the program to gauge demand for mobile charging technology. In Nashville, the company has equipped one of their trucks with a *Blink* charger, which can give a driver a mile's worth of charge per minute. AAA hopes that the tech, which can be mobilized 24/7, helps not only with emergencies but with overall "range anxiety" related to EVs.<sup>1</sup>
- *Vanderbilt University* has acquired six new fourteen-passenger shuttle buses. The Lightning ZEV4 shuttles will be part of the VandyRide fleet, a shuttle service for Vanderbilt students. Each shuttle has a range of up to 130 miles on a single charge, supports both level 2 AC and DC fast charge capability, and should provide a quieter and more comfortable ride than the former shuttles. "We are thrilled to be the first university in Tennessee to deploy an all-electric multi-vehicle fleet," said Eric Kopstain, Vice Chancellor for Administration. "This is an important step toward achieving our goal of reducing our carbon footprint and promoting sustainable transportation options."<sup>2</sup>

### Maury County

- *General Motors (GM)* is manufacturing electric vehicles at its Spring Hill plant. The plant is the company's third EV production facility, along with two in Michigan. The company promised to invest \$2 billion in Spring Hill to add production of EVs, including its luxury Cadillac Lyriq. The investment includes expanded paint and body shops as well as major upgrades to the assembly lines.<sup>3</sup>
- *Ultium Cells LLC*, a joint venture of *LG Energy Solution* and *General Motors (GM)*, plans to invest \$2.3 billion to build a 2.8 million square foot, state of the art plant on land leased from GM. Scheduled to open in early 2024, the Ultium plant will supply the battery cells for GM's Spring Hill Assembly Plant. "Ultium is investing \$275 million to expand its Spring Hill battery cell manufacturing operations, in addition to the initial \$2.3 billion investment

---


<sup>1</sup> Schleicher, R. (December 2, 2022). *Emergency Battery: Nashville One of 16 Pilot Cities for AAA Mobile EV Charging*. News Channel 5 Nashville (WTVF). <https://www.newschannel5.com/news/emergency-battery-nashville-one-of-16-pilot-cities-for-aaa-mobile-ev-charging>

<sup>2</sup> Vanderbilt Communications and Marketing. (May 19, 2023). *Vanderbilt to Deploy First All-Electric Multi-Vehicle Shuttle Fleet at a University in Tennessee*. *Vanderbilt University*. <https://news.vanderbilt.edu/2023/05/19/vanderbilt-to-deploy-first-all-electric-multi-vehicle-shuttle-fleet-at-a-university-in-tennessee/#:~:text=Vanderbilt%20University%20announced%20on%20May,of%20the%20fall%202023%20semester.>

<sup>3</sup> Tennessee Department of Economic and Community Development. (December 20, 2023). *Tennessee: A Growing Capital of Electric Vehicle Production*. Area Development. <https://www.areadevelopment.com/contributedcontent/q4-2021/tennessee-growing-capital-of-electric-vehicle-production.shtml>

announced in 2021. The expansion will create 400 additional jobs and increase battery cell production by more than 40%.<sup>4</sup>

- *Christenson Transport*, a Columbia-based logistics and transportation company, is utilizing its first electric tractor. The *East Tennessee Clean Fuels Coalition (ETCF)* is working with this GM Spring Hill plant supplier to acquire all-electric terminal tractors.

 <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> Tennessee Department of Economic and Community Development. (December 20, 2023). *Tennessee: A Growing Capital of Electric Vehicle Production*. Area Development. <https://www.areadevelopment.com/contributedcontent/q4-2021/tennessee-growing-capital-of-electric-vehicle-production.shtml>