

Testimony to the House Economic Matters Committee  
HB 1028 Business Regulation – Electric Vehicle Supply Equipment – Regulations for  
Retail Use  
**Position: Favorable**

4 March 2024

The Honorable C.T. Wilson, Chair  
Room 231, House Office Building, Annapolis, MD 21401

Honorable Chair Wilson and Members of the House Economic Matters Committee:

My name is Scott Wilson, and I currently drive a 2017 Chevy Bolt EV and a 2013 Nissan Leaf. I serve on the Maryland Zero Emission Electric Vehicle Infrastructure Council, and I'm also Vice President of the Electric Vehicle Association of Greater Washington DC.

It's time for EV charging to start growing up. We stand at the brink of mass EV adoption. This bill would establish sensible regulations, similar to current practice in the gasoline system, that would standardize EV charging for the benefit of Maryland EV/PHEV drivers.

Gas pumps have requirements for signage, independent inspection and verification, in a system that has evolved over 100 years. While signage requirements for EV chargers might not need to be as stringent due to their dispersed nature, wayfinding needs to work better for drivers without needing to use a phone app. Third-party calibration and inspection are essential. Just as gas pumps undergo accuracy inspections, so too should EV chargers, ensuring they meet their advertised power rating.

Accurate uptime data is crucial for identifying and addressing issues promptly. You can't fix what you can't measure. If a gas pump malfunctioned, how long do you think it would take to get fixed? I reckon not long, and it should be the same for EV chargers. Imagine if a corporate office claimed their gas pumps maintained a 97% uptime rating, yet station after station had one or two pumps that were down for weeks on end. I think we all know how long that would be tolerated.

This bill begins the process of cleaning up EV charging to make it as dependable, reliable and convenient as we've come to expect from gas stations, by putting in place the minimum requirements that reasonable people would expect.

Thank you for your time,

Scott Wilson