



**HB1316 – Residential Construction – Electric Vehicle Charging
Testimony before House Environment & Transportation Committee
Feb 25, 2020
Position: Favorable**

Mr. Chair, Mr. Vice Chair and members of the committee, my name is Richard Deutschmann and I represent the 700+ members of Indivisible Howard County. We are providing written testimony today in ***strong support of HB1316***, to help expand availability of EV charging in residential construction. IndivisibleHoCoMD is a member of the Maryland Legislative Coalition.

Electric vehicle adoption is in the early stages of a boom in this country, and across the globe. According to a report by McKinsey, global sales of EVs surged to 2.1 million vehicles in 2018, and has grown 59% per annum since 2014 (1). However, barriers remain, and one of the major barriers identified is the availability of suitable charging locations at people's personal residence. This bill would reduce barriers to EV charging at multifamily residential properties, by providing for a suitable amount of Level 2 charging in each new community. It would also provide for either Level 2 charging, or sufficient rough-in of electrical service for future installation, for new single-family homes.

The ongoing climate emergency is also a very serious consideration in favor of this bill. According to the Governor's 2019 GGRA Draft Plan (2), Transportation is responsible for nearly 40% of all greenhouse gas emissions in the state. Improving mass transit options to move large numbers of people around the region will need to be a priority, as will the state's participation in interstate compacts like the Transportation Climate Initiative (TCI). The rest will need to come from the electrification of personal transportation vehicles, as well as other vehicles such as MTA buses, school buses, delivery, etc. HB1316 will help to accomplish this important goal, by providing consumers confidence in their ability to charge their vehicles in a way that is convenient and close to home.

We urge a favorable report.

1 - Hertzke, Muller, Schaufuss, Schenk & Wu. *"Expanding electric-vehicle adoption despite early growing pains."* McKinsey & Company. August 2019

2 – Maryland Department of the Environment. *"The Greenhouse Reduction Act – 2019 GGRA Draft Plan"*. Consultant to the Governor. October 2019