



# Maryland Energy Administration

**TO:** Members, House Environment & Transportation Committee  
**FROM:** Paul Pinsky - Director, MEA  
**SUBJECT:** HB 830 - Residential Construction or Significant Renovation - Electric Vehicle Charging  
**DATE:** February 28, 2023

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## **MEA Position: FAVORABLE WITH AMENDMENTS**

The Maryland Energy Administration (MEA) supports the Sponsor's efforts to ensure the installation of electric vehicle supply equipment (EVSE) is mandated during the construction phase of certain projects.

**Typically, the construction phase is the most cost-effective point in time to install EVSE**, also known as electric vehicle chargers. Retrofitting a property, or several properties, to receive EVSE installations typically involves navigating wire or conduit through existing walls and obstacles (causing damage and requiring mitigation), replacement of electricity panels before the end of their useful life (or the addition of a panel), and can result in other significant costs, especially where excavation or other heavy equipment may be required.

Maryland has established the goal of putting 300,000 Zero Emission Vehicles (ZEVs) on the road, and, along with 16 other states and DC, Maryland has joined in a Memorandum of Understanding (MOU) to support the deployment of Medium- and Heavy-Duty (MHD) ZEVs. **The broad and efficient deployment of EVSE is a necessary step in achieving our state's goals, while doing so at the lowest possible cost.**

While the installation of EVSE during the construction phase is efficient, MEA would limit the scope of EV charger requirements to new construction only. "Significant renovations" is an unclear term, and EVSE installation may still be expensive during significant renovations. This could inadvertently disincentivize or delay investment in renovations.

The committee may wish to consider requiring ESVE installation for *multifamily buildings* undergoing significant renovations. Multifamily buildings are particularly challenging for residents to add ESVE on their own. Residents are also more likely to be of low or moderate income, so the equities may favor requiring ESVE for these buildings undergoing significant renovation.

In an effort to avoid unintended consequences, and for the sake of clarity, **MEA offers an amendment on the following page that would limit the scope of the bill to new construction only.**

For the foregoing reasons, MEA urges the committee to issue a **favorable report as amended.**

AMENDMENT NO. 1

On page 1, in line 12, after “12-205” insert “(a), (c), and (d)”.

On page 1, in lines 2 and 5, on page 3 in lines 19 and 29, and on page 4, in line 4, in each instance, strike “**OR SIGNIFICANT RENOVATION**”.

On page 2, strike beginning with “**SIGNIFICANT**” in line 20 down through “**(9)**” in line 24; on the same page, strike beginning with the colon in line 26 down through “**(1)**” in line 27.

On page 3, strike beginning with the bracket in line 1 down through “**UNITS**” in line 2; strike beginning with “**OR**” in line 5 down through “**RENOVATION**” in line 7 and substitute “**THE CONSTRUCTION**”.