

From: [Gabe Mendez](#)
To: [Plan Commission Comments](#)
Subject: Electric Vehicle Charging Station Comment
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Regarding the item that has been recently approved by the Transportation Policy and Planning Board Amending Sections 28.211, 28.061, 28.072, 28.082 and 28.091 and Creating Section 28.141(8)(e) of the Madison General Ordinances to create a new use, Electric Vehicle Charging Facility, and to require that certain future parking facilities are constructed to include a specified amount of Electric Vehicle Capable and Electric Vehicle Ready spaces.

First comment, the future EV sales projections used to help determine the changes seems to be way high based on other numbers seen and current adoption rates. Also, as battery/fuel cells continue to evolve it should also be considered that vehicles will need to charge less and the need to charge at their work destination (campus) would decrease as well.

Second comment, requiring up to 50% of spaces to be EV capable but only up to 10% required to have charging stations installed will cause overbuild instances where that money sunk in for the remaining 40% of spaces that will probably not be expanded to seems like an unnecessary cost born by the garage owner. The electrical infrastructure to have to design to for 50-200 spaces probably means upsizing the service to be pulled and additional transformers plus the panels to handle that potential draw.

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