

December 3, 2024

Transportation Authority of Marin
900 Fifth Avenue, Suite 100
San Rafael, CA 94901

Re: December 9, 2024 TAM Board Meeting Agenda Item No. 11

Dear Transportation Authority of Marin

I am glad that the Staff Report on Agenda Item 11 recommends a “coordinated approach to charger installation across the County, including review and engagement surrounding Level 2 **and Level 3** chargers” [emphasis added].

Level 2 charging makes the most sense in two types of locations: at workplaces, and at private homes. A typical ZEV takes more than 8 hours to fully charge at Level 2 charging speeds. Thus, Level 2 charging makes sense for employees who can park their car at their workplace all day, or for residents who can park their car at the home all night.

However, there is a significant portion of the population that is poorly served by Level 2 charging: Residents of multi-family housing. Most multi-family housing lack EV charging infrastructure. Level 3 charging is the only real answer if TAM and Marin County want to make it feasible and convenient for its multi-family housing residents to adopt ZEVs. Residents of multi-family housing do not have time to leave their car for 8 hours or more at a Level 2 charging station every time they need a charge. With Level 3 charging, they could charge their car in 30 minutes or less, making it a far more practical solution.

Marin County currently suffers from a scarcity of Level 3 charging infrastructure that is not Tesla-branded. TAM should expect to see a decline in the market share of Tesla-branded ZEVs and an increase in non-Tesla branded ZEVs such as Kia, Hyundai, General Motors, Ford, Mercedes-Benz, BMW, Volkswagen, Audi, Nissan, Volvo, Polestar, and Rivian. With the growing market share of non-Tesla ZEVs, it is important that Level 3 charging is made convenient and practical for as many people as possible.

Thank you.

Sincerely,



Matthew Hartzell
Marin County Resident