

DOCKETED

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BEAM Comments on AB 2127 Assessment

Additional submitted attachment is included below.



California Energy Commission
Dockets Office
1516 9th Street
Sacramento, CA 95814

RE: AB 2127 Electric Vehicle Charging Infrastructure Assessment, Docket #19-AB-2127

BEAM is pleased to provide comments to the California Energy Commission's (CEC) Assembly Bill 2127 Electric Vehicle Charging Infrastructure Assessment. We thank the CEC staff for its time, thoughtful consideration, and recommendations in the report.

BEAM designs, manufactures, and sells sustainable EV charging infrastructure solutions that serve dual functions as emergency preparedness equipment and energy resiliency assets. BEAM systems are Made-in-America products that are manufactured in California. The flagship EV ARC™ charging system is the only 100% renewable, movable, grid independent, and it fits in a standard parking space. It requires no electrical work, no construction, and can be deployed in minutes.

Near-Term Gap in Charging Infrastructure

- While the state is on track to surpass 1.5 million ZEVs on the roadways by 2025, the 62,000 public charging shortfall needs to be addressed. The current lead time for installing grid-tied charging in California is going to create a major barrier to advancing deployment and meeting the state's climate goals. We recommend utilizing off-grid charging solutions that are rapidly deployable, scalable, and resilient to power disruptions. Without a rapidly deployable solution, charging deployment will continue to lag behind vehicle deployment and will drive range anxiety with consumers.

Transportation GHG Emissions Continue to Rise

- With the transportation sector being the largest contributor to GHG in the state, and with transportation sector emissions on the rise since 2010, the state needs to consider off-grid charging solutions that utilize renewables to reduce emissions in transportation. A traditional grid-tied charger is still connected to an emitting power grid that has fossil fuels as a part of its power generation mix.

Building on the recommendations from the recent Integrated Energy Policy Report, we encourage the CEC to work with state and local officials to identify strategic charging opportunities that are resilient to power outages and natural disasters. In addition, the CEC should evaluate the appropriate balance between grid-tied/off-grid charging to ensure the continuity of the state's charging network and provide funding mechanisms for off-grid charging solutions.

BEAM appreciates the opportunity to provide comments on the Assessment and thanks the Commission for its ongoing work to advance the deployment of transportation electrification. Please reach out if you have any questions.

Thanks,

Brad Groters