

DOCKETED

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RVE - Dedicated Charging in Multi Unit Dwellings

Additional submitted attachment is included below.



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Friday, January 19th, 2023

California Energy Commission
Communities in Charge Program
Dockets 22-EVI-02 / 20-TRAN-04
Light-Duty EV Block Grant Design Changes
Dedicated Charging in Multi-Unit Dwellings

Dear CEC,

I am writing on behalf of RVE, a stakeholder in California's transition to sustainable transportation. With our extensive experience in providing EV charging solutions, particularly in multi-unit dwellings, we recognize the critical need to shift focus towards dedicated charging infrastructure under the Communities in Charge Program.

The Case for Dedicated Infrastructure

Dedicated chargers provide equitable access to all residents, eliminating competition for charging time and ensuring predictable availability, ensuring each resident has reliable access to charging. This approach aligns better with the needs and fairness concerns of residents in such complexes.

Introducing RVE's Technology

RVE has developed the DCC series, load-sharing devices specifically designed for multi-unit dwellings and proven in the field with **over 14,000 units installed to date across North America**. Products like the DCC-9 allow for EVSE to be connected directly to a building's main power supply, efficiently catering to units that would otherwise not have sufficient capacity for such connections. Our technology is EVSE agnostic, providing versatility and compatibility with various charging models, and does not require an internet connection, ensuring reliability and ease of use.

Why Dedicated Chargers are More Suitable

Dedicated charging solutions, unlike shared chargers typically used for public and fleet EVs, offer a more user-centric and equitable approach. They avoid the complexities and inefficiencies associated with shared energy resources, providing a charging experience that more closely resembles that of single-family homes. This is crucial for both adoption and satisfaction among residents of multi-unit buildings.

Our Request

We ask the Energy Commission to consider allowing such load sharing devices, from our company or others, in Wave 3 of the Communities in Charge Grant Program. Supporting technologies like the DCC-9 will significantly improve the EV charging experience in condos and apartments, ensuring equitable and consistent access for all residents.

Here is detailed information about our successful deployments, the versatility of our products, and the DCC-9 technology for your reference:

<https://rve-usa.com/case-studies/>

<https://murbly.com/en/case-studies/>

Thank you for considering this proposal. We are available to engage in further discussions and provide any clarifications needed.

Sincerely,

RVE