

DOCKETED

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Hubject Comments on ZEV Infrastructure Transit Concept

Additional submitted attachment is included below.



April 24, 2020

California Energy Commission
Docket 19-ERDD-01
1516 Ninth Street
Sacramento, CA 95814

Re: Zero-Emission Transit Fleet Infrastructure Deployment Draft Solicitation Concept

Dear California Energy Commissioners and Staff,

We appreciate the opportunity to provide feedback on the Zero-Emission Transit Fleet Infrastructure Deployment Draft Solicitation Concept. We are excited to support projects and strategies that can enable faster and more cost-effective integration of charging infrastructure for MDHD BEVs.

Hubject, founded in 2012, is focused on increasing EV adoption through simplifying electric vehicle charging; one of the primary barriers to EV purchase. First in Europe through its eRoaming platform enabling cross network charging and now by leading in the development and implementation of Plug&Charge using ISO 15118. This technology not only streamlines charging with faster charging session authentication and authorization, but also enables smart and bi-directional charging, as well as wireless or inductive charging.

Hubject is actively supporting and contributing to ISO 15118, a Global Intelligent Charging Standard to secure communication between the EV and electric vehicle supply equipment (EVSE), through its development of a functioning Plug&Charge ecosystem and involvement in CharIN, an EV trade organization developing and establishing Combined Charging System (CCS) connector and ISO 15118 as global standards. CharIN has over 180 members, representing a cross section of EV stakeholders, including; automakers, utilities, hardware manufacturers, charging networks and technology companies.

Hubject appreciates the Energy Commissions efforts to assist transit agencies to deploy zero-emission vehicle charging infrastructure and supports the proposed \$20 million allocation for this concept. Within this draft solicitation, Hubject's specific comments include:

- We strongly support the Innovation category in the Evaluation Criteria for projects to provide strategic, cost-effective solutions, and specifically support the inclusion of ISO/IEC 15118 for AC/DC charging.
- Hubject supports expanding the number of projects that receive funding by reducing the maximum award based on the Applicant's type of fleet and number of buses to be supported by the infrastructure.
- Lastly, we recommend that the Energy Commission consider providing funding for at least one project for each type of zero-emission technology, battery electric and fuel cell. Funding more projects with various zero-emission technologies will provide the data and lessons learned needed for transit agencies across California to transition their fleet to zero-emission.



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We greatly appreciate the opportunity to provide feedback to the Energy Commission on the Zero-Emission Transit Fleet Infrastructure Deployment Draft Solicitation Concept. We are glad to provide any additional information and respond to follow up questions.

Sincerely,

Paul M. Glenney

CEO, Hubject Inc.