

<b>DOCKETED</b>	
<b>Docket Number:</b>	19-TRAN-02
<b>Project Title:</b>	Medium- and Heavy-Duty Zero-Emission Vehicles and Infrastructure
<b>TN #:</b>	233423
<b>Document Title:</b>	Paul Glenney Comments - Hsubject Coments on BESTFIT Draft Solicitation
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	Paul Glenney
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	6/10/2020 6:29:09 PM
<b>Docketed Date:</b>	6/11/2020

*Comment Received From: Paul Glenney*  
*Submitted On: 6/10/2020*  
*Docket Number: 19-TRAN-02*

## **Hubject Coments on BESTFIT Draft Solicitation**

See attached letter.

*Additional submitted attachment is included below.*



June 10, 2020

California Energy Commission  
Docket 19-TRAN-02  
1516 Ninth Street  
Sacramento, CA 95814

Re: BESTFIT Innovative Charging Solutions Draft Solicitation Concept

Dear California Energy Commissioners and Staff,

We appreciate the opportunity to provide feedback on the BESTFIT Innovative Charging Solutions Draft Solicitation Concept. We are excited to support projects and strategies that can enable faster and more effective testing, validation, and integration of charging infrastructure for electric vehicles (EV).

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 charging standard to secure communication between the EV and electric vehicle supply equipment (EVSE), through its development of a functioning Plug&Charge PKI and ecosystem and involvement in CharIN, an EV trade organization developing and establishing Combined Charging System (CCS) connector and ISO 15118 as global standards and certification processes. 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 fund the BESTFIT Innovative Charging Solutions Draft Solicitation Concept and support projects for transformative technology solutions for EV charging for light-, medium- and heavy-duty applications, and to demonstrate novel technologies and business models that highlight innovative charging solutions.

Within this draft solicitation, **Hubject supports inclusion in the “Innovation” scoring criteria category consideration of efforts to include a well-adopted, open, standardized, and interoperable charging interface, such as ISO 15118, to demonstrate a variety of charging use cases, including smart, bidirectional and wireless charging.**

ISO 15118 is an open global standard and should be used as a target technology because it is easily scalable, which helps reduce costs and improves standardization across all manufacturers. Using one protocol between the EV charging station and the EV will increase deployment and scalability, reducing the cost for manufacturing, hardware, and implementation. Utilizing ISO 15118 will also help reduce



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costs because it enables smart charging and bidirectional charging, thus balancing the load to avoid grid infrastructure upgrades.

We greatly appreciate the opportunity to provide feedback to the Energy Commission on the BESTFIT Innovative Charging Solutions Draft Solicitation Concept. We are glad to provide any additional information and respond to follow up questions.

Sincerely,

Paul M. Glenney

CEO, Hubject Inc.