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SVLG Comments on EPIC Grant Funding Opportunity related to DER Strategies for MDHD BEV Charging Infrastructure

Additional submitted attachment is included below.



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January 31, 2020

California Energy Commission
 Docket Unit, MS-4
 Re: Docket No. 19-ERDD-01
 1516 Ninth Street
 Sacramento, CA 95814-5512

RE: Silicon Valley Leadership Group’s Comments in Response to the California Energy Commission’s Request for Comments on the Electric Program Investment Charge (EPIC) Grant Funding Opportunity Concept

Dear Energy Commission Staff:

The Silicon Valley Leadership Group appreciates the opportunity to comment on the California Energy Commission’s (CEC) proposed EPIC grant funding opportunity related to the use of distributed energy resources (DER) to facilitate the integration of charging infrastructure for medium- and heavy-duty vehicles. We agree that identifying and evaluating DER technologies and strategies, including solar and storage, to enable faster and more cost-effective integration of charging infrastructure for medium- and heavy-duty zero-emission vehicles may be beneficial to all stakeholders. Specifically, the CEC’s leadership in providing guidance to stakeholders on how to integrate solar resources, microgrid technology, and energy storage into facilities and operations would be beneficial to advancing our zero-emission vehicle (ZEV), electric vehicle (EV) charging and clean air goals.

In California, Transportation Electrification represents the largest near-term opportunity to reduce GHG emissions and mobile source pollution. Despite Silicon Valley’s global technological standing and the progress we are making on meeting our ZEV and EV charging goals, California is falling short on where it needs to be to transform the transportation sector. California is 35 percent or 344,912 ZEVs short of its goal of deploying one million ZEVs by this year. Overall transportation emissions are still on the rise. On our current emissions trajectory, California will not meet its SB 32 goal of reducing emissions to 40 percent below 1990 levels by 2030 until 2061 unless we reduce emissions by 4.5 percent annually (a 309 percent increase over the existing 1.1 percent reduction). California’s transportation emissions have hit a record high of 41 percent of the state’s total GHG emissions equivalent of 176 million metric tons of carbon dioxide –with emissions from gasoline-powered light-duty vehicles as the main driver of that increase.

California must invest in emerging technologies that will modernize transportation systems, support local manufacturing job growth, and improve local air quality. By fueling a variety of vehicles with clean electric power, supported by DERs, instead of fossil fuels, we can help California meet its economic, clean air and climate goals. The Leadership Group strongly supports increased investments, incentives and supporting policies that will help medium- and heavy-duty fleet operators achieve the Innovative Clean Transit, Airport Shuttle Bus regulation and anticipated Advanced Clean Trucks rule’s zero-emission mandates.

The Leadership Group, and over 350 of our technology-focused member companies, contribute nearly \$3 trillion to the worldwide economy, and provide nearly one of every three private sector jobs in Silicon Valley. Founded in 1978 by David Packard of Hewlett-Packard, the Leadership Group represents over 350 of Silicon Valley’s most respected employers on issues that affect the economic health and quality of life in Silicon Valley, including energy, environment, transportation, education, housing, health care, tax policies, and economic vitality. If you have any questions regarding our comments, please do not hesitate to contact me at hsickler@svlg.org or (408) 501-7883.

Sincerely,

/s/ HEIDI SICKLER

Heidi Sickler, Director, Energy and Environment
 Silicon Valley Leadership Group