

**DOCKETED**

<b>Docket Number:</b>	18-ALT-01
<b>Project Title:</b>	2019-2020 Investment Plan Update for the Alternative and Renewable Fuel and Vehicle Technology Program
<b>TN #:</b>	229341
<b>Document Title:</b>	HummingbirdEV Comments HummingbirdEV Comments on Clean Transportation Program Investment Plan
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	HummingbirdEV
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	8/9/2019 2:16:55 PM
<b>Docketed Date:</b>	8/9/2019

*Comment Received From: HummingbirdEV*  
*Submitted On: 8/9/2019*  
*Docket Number: 18-ALT-01*

**HummingbirdEV Comments on Clean Transportation Program  
Investment Plan**

*Additional submitted attachment is included below.*



August 9, 2019

California Energy Commission  
1516 9<sup>th</sup> Street  
Sacramento, CA 95814

RE: 2019-2020 Investment Plan Update for the Clean Transportation Program

Dear California Energy Commission Commissioners and Staff,

HummingbirdEV, a manufacturer of medium- and heavy-duty electric powertrains, appreciates the opportunity to provide comments on California Energy Commission's (CEC) 2019-2020 Investment Plan Update for the Clean Transportation Program, and supports staff's recommended title change of the program.

HummingbirdEV, headquartered in California, is an experienced engineering and manufacturing electric vehicle powertrain solution provider, focused on providing well to wheel solutions to its customers with its unique patentable fast onboard charging, EVSE, V2V and V2G technologies at a cheaper cost for on- and off-road zero emission heavy duty vehicles. The HummingbirdEV team has proven track record in development and deployment of 125 battery electric trucks that have accumulated over 8,00,000 zero-emission miles throughout California and many more projects currently in different stages of development and deployment stages.

Currently HummingbirdEV is partnering with state agencies on projects focused on providing solutions into much needed agriculture space. During the process, HummingbirdEV is working with different OEM vehicle companies in order to provide efficient and commercially viable solutions to its partners and customers. Some partnerships include working with DFAM, an established and one of the largest agriculture and construction machinery manufacturer in Asia, KESHI one of the largest mining equipment and machinery manufacturer in Asia, and SPARTAN specialty vehicle, an OEM company in North America.

Specific Comments on the 2019-2020 Investment Plan:

- HummingbirdEV supports the proposed policy to focus investments in zero-emission technologies.
- HummingbirdEV strongly supports the proposed inclusion of \$30 million specifically for zero-emission medium- and heavy-duty vehicles and infrastructure. These projects will help accelerate the demonstration, deployment and commercialization of zero-emission medium- and heavy-duty vehicles and associated infrastructure.
- HummingbirdEV supports the inclusion of off-road vehicles within the \$30 million medium- and heavy-duty program. There is an immediate need to accelerate the demonstration and deployment of zero-emission equipment for agriculture, freight, and other off-road applications, which will also help carry out the Sustainable Freight Action Plan and the state's focus to reduce emissions in the agriculture sector.



HummingbirdEV appreciates the opportunity to provide comments on the Clean Transportation Program Investment Plan and looks forward to continuing to work with the Energy Commission to support the deployment of zero-emission vehicles and associated infrastructure throughout California.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Koneru".

Rakesh Koneru

COO,

HummingbirdEV