

<b>DOCKETED</b>	
<b>Docket Number:</b>	15-MISC-04
<b>Project Title:</b>	Fuels and Transportation Merit Review
<b>TN #:</b>	224571
<b>Document Title:</b>	DANNAR Comments on ARFVTP Investment Plan
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	DANNAR/Gary Dannar
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	8/22/2018 11:43:02 AM
<b>Docketed Date:</b>	8/22/2018

*Comment Received From: Gary Dannar*  
*Submitted On: 8/22/2018*  
*Docket Number: 15-MISC-04*

**DANNAR Comments**

*Additional submitted attachment is included below.*



August 21, 2018

California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814

Dear Commissioners and Staff:

Thank you for the opportunity to provide comments on the California Energy Commission's Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) Investment Plan and alignment with Executive Order B-48-18 implementation. DD DANNAR ("DANNAR") strongly supports the effort to deploy zero-emission infrastructure and vehicles in California in order to reduce GHG and criteria pollutant emissions.

DANNAR is an OEM of a mobile, off-road energy platform for both the U.S. governmental fleet and commercial markets. Located in both Indiana and California, DANNAR has developed a robust off-road battery-electric mobile platform that offers multi-function capabilities that can efficiently replace multiple pieces of single-purpose, conventional diesel equipment to significantly eliminate toxic diesel emissions and reduce greenhouse gas emissions. The innovative, multi-purpose zero-emission platform, the Mobile Power Station® (MPS), can be configured to easily work with up to 250 commercially available work attachments and tools that can lift, grab, push, extract, and haul to allow for flexible use to address daily operations and maintenance, as well as provide up to half a megawatt (MW) of export power.

The MPS comes standard with three 42 kWh lithium-ion battery packs, but may be configured with up to twelve packs for 504 kWh of on-board electricity. The MPS is listed on both CMAS and the GSA schedule. The vehicle accommodates all CAT, Bobcat and other manufacturers attachments, has a towing capacity up to 600,000 lbs., delivers significant off-grid contingency power, and can do a variety of work functions for cities, counties, universities, airports, ports, and the agricultural industry. DANNAR has also developed an off-grid "Solar Energy Station" that is a combination of solar and mobile battery storage, that can now provide the opportunity to deploy zero-emission equipment in areas that have limited electrical resources and options, at the same time helping to reduce electrical fueling costs associated with fixed infrastructure.

DANNAR supports the goals of the ARFVTP and the Governor's Executive Order B-48-18, which sets a goal of 5 million ZEVs on California roads by 2030 and 250,000 chargers by 2025. Within the investments for electric vehicle charging infrastructure, DANNAR specifically supports the competitive targeted solicitations for off-grid and storage based systems to help accelerate the deployment of zero-emission off-road equipment and eliminate emissions from one of the largest pollution sectors.

There is a need to deploy off-grid and storage-based pilot systems in a variety of sectors, including agriculture, cities, universities, ports, and others, to demonstrate the application and benefits of including solar and storage to charge zero-emission fleets. The inclusion of off-road charging infrastructure will help California carry out the goals of the ARFVTP, Executive Order B-48-18, as well as its sustainable freight and emission reduction initiatives. There are several California-based entities that are interested in deploying solar and storage to charge zero-emission off-road equipment, but there is a need to provide support to these early adopters to showcase the economic and environmental benefits in order to transfer this model and application to end-users throughout California and beyond.

Thank you for the opportunity to provide comments on the Energy Commission's effort to develop and deploy off-grid charging infrastructure resources. We look forward to continuing to work together to help carry out the goals of the Energy Commission.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary Dannar", with a stylized flourish at the end.

Gary Dannar  
CEO

GD/ecm

c: File