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Project Title:	Medium- and Heavy-Duty Zero-Emission Vehicles and Infrastructure
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Volvo Group Comments to Draft Solicitation Concept on Blueprints for MD-HD ZEVsand ZEV Infrastructure

Additional submitted attachment is included below.



April 16, 2020

Christina Cordero
California Energy Commission
1516 9th St
Sacramento, CA 95814

Re: Draft Solicitation Concept on Blueprints for Medium- and HeavyDuty Zero-Emission Vehicles (ZEV) and ZEV Infrastructure (Docket Number 19-TRAN-02)

Volvo Group North America ("VGNA") respectfully submits its comments on the California Energy Commission ("CEC") Draft Solicitation Concept on Blueprints for Medium- and Heavy Duty (MD/HD) Zero-Emission Vehicles (ZEV) and ZEV Infrastructure (Docket Number 19-TRAN-02).

The Volvo Group is one of the world's leading manufacturers of trucks, buses, construction equipment and marine and industrial engines. The Volvo Group develops, manufactures, and sells heavy-duty trucks, buses, contruction equipment, and motor coaches and their powertrains in the U.S. under the brand names of Volvo Trucks, Mack Trucks, Volvo Construction Equipment, Nova Bus, Volvo Bus, and Prevost. The Volvo Group has been manufacturing in the U.S. since 1900 and directly employs nearly 15,000 Americans. We indirectly employ tens of thousands more Americans through our supply chain and dealer networks. Our major facilities are in North Carolina, Pennsylvania, Virginia, Maryland, and New York. We have invested nearly \$2 billion in our nine manufacturing facilities since 2002, and we typically spend more than \$250 million in R&D in the U.S. every year. The Volvo Group is the only major truck manufacturer that produces all of its vehicles for the U.S. market in the U.S.

In California, the Volvo Group and its dealers employ more than 1,000 people with locations in Mountain View, Costa Mesa, Corona, Haywood, Fontana, Oakland, West Sacramento, Stockton, Fresno, Redding, Paso Robles, Bakersfield, and La Mirada.

VGNA is very appreciative of the CEC efforts to develop draft solicitation concepts, and solicit stakeholder inputs. Below are our comments on the MD/HD ZEV blueprints draft solicitation concept.



- 1. We request the CEC to please clarify the role of the MD/HD ZEV blueprints solicitation in securing funding from other grant funding opportunities and/or other funding programs in the future. More specifically, we have the following two questions.
 - a. Is the "Blueprints for Medium- and Heavy Duty Zero-Emission Vehicles (ZEV) and ZEV Infrastructure" solicitation a pre-requisite for the Block Grant program?
 - b. Is the "Blueprints for Medium- and Heavy Duty Zero-Emission Vehicles (ZEV) and ZEV Infrastructure" solicitation a pre-requisite for future California Air Resources Board ("CARB") and other state funding opportunities?
- 2. Keeping in mind that the awards will be made on a first-come/first-served basis, we request the CEC guidelines for ensuring that the funded projects are well aligned with California goals. Additionally, we request details about the evaluation, assessment, and decision-making steps that will be followed by the CEC to award the strongest and best aligned projects.

Volvo Group North America appreciates the opportunity to submit these comments, and looks forward to working with the California Energy Commission and other state agencies, as well as industry partners and other stakeholders, in the advancing the ZEV agenda in California.

Please do not hesitate to contact us if additional information is needed.

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