



South Coast Air Quality Management District

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Science and Technology Advancement
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September 5, 2017

Mr. Nathan Dean
California Air Resources Board
Mobile Source Control Division
9480 Telstar Avenue
El Monte, CA 91731

Dear Mr. Dean:

South Coast Air Quality Management District (SCAQMD) staff is pleased to provide this letter of commitment in support of the Port of Los Angeles (POLA) Zero Emission Track-Miles Locomotive Demonstration Project application, submitted in response to the Low Carbon Transportation and Fuels investments and the Air Quality Improvement Programs (AQIP) Fiscal Year 2016-17 Off-Road Advanced Technology Demonstration Projects Solicitation.

POLA, the Los Angeles Department of Water and Power, VeRail Technologies, Pacific Harbor Line, Voltabox of Texas, and others have teamed to demonstrate an advanced zero emission battery powered switcher locomotive throughout the Ports of Los Angeles and Long Beach. The switcher locomotive combines a 14-pod battery bank, which supplies adequate energy for a typical 8-hour working period without re-charging and a near-zero natural gas Genset as a range extender for local short haul duties.

SCAQMD is committed to supporting POLA and the project team to successfully implement and complete the project. We believe the project implements parts of the Ports' Clean Air Action Plan and demonstrates a practical and economically viable solution to simultaneously reduce both criteria and CO₂ emissions from port-related rail transportation activities. Technologies that can deliver both of those benefits while fitting easily into existing goods movement operations and infrastructure are much needed.

The South Coast Air Basin is classified as an "extreme" nonattainment area for ozone under the federal Clean Air Act. A wide-scale deployment of low- and zero-emission on-road technologies will be a critical step toward achieving the air quality standards with considerable public health benefits for our region, especially in disadvantaged communities that are disproportionately exposed to harmful diesel emissions. Furthermore, greater deployment of such technologies is expected to not only reduce criteria pollutants, but also provide significant greenhouse gas benefits, reduce California's use and dependence on petroleum transportation fuels, implement the Sustainable Freight Action Plan and develop additional options for the state's goal on establishing more stringent heavy-duty engine standards.

Cleaning the air that we breathe...



Mr. Nathan Dean

-2-

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SCAQMD staff strongly urges the ARB to fund the proposed project, and should it be awarded, commits to working with the project partners to identify the most valuable role for the SCAQMD, which may include cost-sharing up to \$300,000, pending approval by our Governing Board.

Sincerely,

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

Matt Miyasato, Ph.D.
Deputy Executive Officer

MMM:NB