Advanced Clean Transit Technology Symposium Agenda

10:00 AM – 5:30 PM, Monday, February 8, 2016
Byron Sher Auditorium, CalEPA Headquarters Building, 1001 “I” Street, Sacramento

Opening: 10:00 AM - 10:15 AM
Jack Kitowski
Chief, Mobile Source Control Division, Air Resources Board

Session 1: Transit Agency Experience with Operating Zero Emission Buses & Performance Data
10:15 AM - 11:25 AM
The panel will discuss how to overcome challenges in starting a zero emission bus fleet that will meet existing operational needs, and what is needed to foster large deployment of zero emission buses in the future as fleets expand. The panel will also discuss performance data compared to conventional buses.

Moderator:
Tony Brasil
Chief, Heavy Duty Implementation Branch, Mobile Source Control Division, Air Resources Board

Panelists:

a. Andrew Papson    Electric Bus Program Manager, Foothill Transit
b. Lauren Skiver    CEO & General Manager, SunLine Transit
c. Chris Peeples    At Large Board of Director, AC Transit
d. Len Engel        Executive Director, Antelope Valley Transit Authority
e. Leslie Eudy      Senior Project Leader Hydrogen Technologies & Systems Center, National Renewable Energy Laboratory

Session 2: Advanced Technology Availability & Outlook
11:30 AM - 1:00 PM
The panel will discuss what advanced technologies are currently available, what evidence is available today to support technology readiness, how risk can be shared by multiple entities and minimized for transit agencies, and the outlook for technology advancements and costs for the next 5 to 10 years.

Moderator:
Jaimie Levin
Senior Program Manager & Director, West Coast Operations Center for Transportation & the Environment

Panelists:

a. Tom Hodek        Director/Program Leader over New Product Development, Cummins Westport, Inc.
b. Abas Goodarzi    President & CEO, US Hybrid
c. Christopher Guzy Vice President and Chief Technology Officer, Ballard Power Systems
d. Bob Devine       Director, Advanced Applications, BAE Systems
e. Matt Horton       Senior Vice President of Sales & Marketing, Proterra
f. Macy Neshati     Vice President Sales, BYD
g. David Warren      Director of Sustainable Transportation, New Flyer
Lunch Break & Networking: 1:00 AM - 2:00 PM

Session 3: Fuels for Clean Technologies
2:00 PM - 3:15 PM

The panel will discuss the supply and costs of fuels for clean technologies. Topics include the low carbon fuel standard program, on-site hydrogen production pathways and costs, electricity rate, electricity and gas distribution, and renewable diesel and renewable natural gas.

Moderator:
Eileen Tutt
Executive Director, California Electric Transportation Coalition

Panelists:
   a. Marvin Moon   Director of Engineering & EV Program Manager, Los Angeles Department of Water & Power (LADWP)
   b. Laura Renger  Principle Manager of Air Quality & Climate, Southern California Edison
   c. Sahar Kamali  Business Development Manager, Clean Energy Renewable Fuels
   d. Sam Wade      Chief, Transportation Fuels Branch, Industrial Strategies Division, Air Resources Board

Break: 3:15 PM - 3:30 PM

Session 4: On Site Infrastructure for Clean Technologies
3:30 PM - 5:00 PM

The panel will discuss new on site infrastructure logistics and solutions for alternative fuels used by transit buses. Discussions will include lessons and experience learned from using gaseous fuels, charging standardization, energy storage, and hydrogen fast fueling for large deployment.

Moderator:
Catherine Dunwoody
Chief, Fuel Cell Program, Air Resources Board

Panelists:
   a. Tyson Eckerle Deputy Director of Zero Emission Vehicle Infrastructure, CA Governor's Office of Business and Economic Development
   b. Larry Rillera  Senior Clean Technology Development Manager, California Energy Commission
   c. Mark Kosowski Technical Executive, Electric Power Research Institute
   d. Nitin Natesan  Business Development Manager, Linde LLC
   e. Frank De Rosa  Principle, Advanced Solutions, SunEdison

Next Steps & Closing: 5:00 PM -5:30 PM
Tony Brasil
Chief, Heavy-Duty Implementation Branch, Mobile Source Control Division, Air Resources Board