

Technology Symposium for Transit Buses
Monday, February 8, 2016 from 10:00 a.m. to 6:00 p.m.
Byron Sher Auditorium, Cal/EPA Headquarters Building,
1001 "I" Street, Sacramento, Sacramento, CA 95814
Preliminary Agenda

- Session 1: Transit agency experience with operating zero emission buses and performance data**
The panel will discuss how to overcome challenges in starting a zero emission bus (ZEB) 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 current performance statistics compared to conventional buses.
Moderator: Tony Brasil (Chief, Heavy Duty Diesel Vehicle Branch, Mobile Source Control Division, ARB)
Panelists: National Renewable Energy Laboratory and transit agencies.
- Session 2: Advanced technology availability and outlook**
The panel will discuss what advanced technologies are currently available, how each technology can meet transit agency operational needs, what the outlook is for further technology advancements and prices for the next 5 to 10 years.
Moderator: Jaimie Levin (Senior Program Manager and Director of West Coast Operations for Center for Transportation and the Environment)
Panelists: Advanced clean technology providers and original equipment manufacturers.
- Session 3: Fuels for clean technologies**
The panel will discuss the supply and costs of fuels for clean technologies. Topics may include zero- or negative-carbon fuel pathways, on-site hydrogen production pathways and costs, electricity rate and demand charge, electricity and gas distribution, and renewable diesel and renewable natural gas.
Moderator: Eileen Tutt (Executive Director of the California Electric Transportation Coalition)
Panelists: Electric utilities, fuel providers and distributors.
- Session 4: On site infrastructure for clean technologies**
The panel will discuss new on site infrastructure logistics and solutions for alternative fuels used by advanced clean transit buses. Discussions will include charging standardization, energy storage, and hydrogen fast fueling for large deployment.
Moderator: Catherine Dunwoody (Chief, Fuel Cell Program, ARB)
Panelists: Governor's Office, California Energy Commission, Electric Power Research Institute, and other technology and strategy providers.