

ADVANCED TRANSIT VEHICLE CONSORTIUM

Los Angeles County Metropolitan Transportation Authority
One Santa Fe Ave., MS 63-4-1,
Los Angeles, CA 90012

OCTOBER 27, 2015

TO: ATVC BOARD OF DIRECTORS

FROM: RICHARD HUNT, PRESIDENT

**SUBJECT: RECEIVE AND FILE REPORT ON ZEB PROGRAMS AT OTHER
TRANSIT PROPERTIES**

At the July 2015 ATVC Board Meeting, staff was asked to report back on other transit properties that were pursuing zero emission bus programs.

Staff has visited with several transit properties to learn about their zero emission programs, and/or to share ATVC/Metro's experience with our ZEB program. Transit properties that staff have visited include AC Transit and Sunline Transit (fuel cell programs); MBTA (Boston), Foothill, Stanford University, Chicago Transit Authority and San Antonio (battery electric bus programs). Staff is also in regular contact with Gardena Bus Lines and Antelope Valley Transportation Authority, both properties that have purchased BYD buses with ATVC contract options, and Long Beach Transit who is under contract for yet to be delivered BYD buses.

Additionally, staff regularly meet with transit vehicle manufacturers to discuss developments in battery and propulsion technologies; advances in composite vehicle structures, and to see firsthand how these advances are integrated into their respective vehicle offerings. These manufacturers include: New Flyer, BYD, and Proterra.

Attached is a table that lists current transit vehicle manufacturers who have produced and delivered zero emission heavy duty transit buses, and the agencies that operate their equipment.



Richard Hunt
President, Advanced Transit Vehicle Consortium

Prepared by: Steve Schupak, Program Control Manager
Joanna Chan, Metro Trainee

Attachment: Transit Agencies Operating Zero Emission Buses

Copies: ATVC Board Members and Alternates
Phillip A. Washington, Metro CEO
Stephanie N. Wiggins, Metro Deputy CEO
James T. Gallagher, Metro COO

Transit Agencies Operating Zero Emission Battery Electric Buses

HD Electric Bus Manufacturer	# of Electric Buses	Types of Electric Buses Produced	Transit Properties with E-Buses in Revenue Service
Proterra	Ordered: 120	Catalyst composite 35' and 40' models	Foothill Transit, Tallahassee, San Antonio, Nashville, Stockton, Reno, Worcester, Seneca, Louisville,
	Delivered: 60		
New Flyer	Ordered: 12	40' and 60' Xcelsior	Chicago, Winnipeg
	Delivered: 6		
BYD	Ordered: 209	Variety of bus types from 30' to 60'	Stanford University, LACMTA, Antelope Valley, Gardena, and Columbia MO
	Delivered: 22		