

SUBJECT

Five-Year Revenue Fleet Plan

RECOMMENDED ACTION – N/A

This is an Information Item.

BACKGROUND

Long Beach Transit (LBT) is holding a Board of Directors’ Study Session to educate its Board on the agency’s five-year revenue fleet plan, as well as inform the Board on its zero-emission fleet plan process.

LBT operates a diverse fleet of 249 transit buses, including diesel, gasoline-electric hybrid, compressed natural gas (CNG) and battery-electric.

Gasoline-electric hybrid buses are no longer manufactured, thus leaving CNG and battery-electric technologies as LBT’s bus fleet options.

To date, LBT has replaced 10 diesel buses with battery-electric buses (BEBs) and 27 diesel buses and 12 gasoline-electric hybrid buses with CNG buses.

LBT has an additional 89 buses eligible for replacement between 2019 and 2021.

Once LBT replaces 89 buses, all buses at LBT1 will be battery-electric. Beginning in 2024, CNG buses at LBT2 would be eligible for replacement.

Below is LBT’s current fleet replacement plan:

Bus Type	2018	2019	2020	2021	2022
30-ft. BEB			20	10	
40-ft. BEB			14	20	25
40-ft. CNG	40				
Total	40	0	34	30	25

LBT is planning to have a Request for Proposal (RFP) for BEB procurement within the first quarter of Calendar Year 2019.



Kenneth A. McDonald
 President and Chief Executive Officer