

Zero Emission Buses



ZEB Conference

September 10th & 11th 2018



San Diego MTS Overview

MTS provides transit for San Diego and surrounding cities, rural parts of the County, and to the international border – 3,240 total square miles

- Bus, Light Rail, Paratransit, Taxicab
 - Bus: 800 buses, nearly 100 bus routes, 630 fixed route buses
 - 100% CNG (RNG)
 - Light rail: Trolley - over 130 cars, 50 + miles
- 300,000 pax daily, 85 million annually, 48 million bus, 37 million light rail
- 5 operating facilities – All in urban / industrial areas
 - 4 facilities house standard and articulated buses
 - Imperial Avenue Division – 8 acres, 176 buses (pictured below)



MTS ZEB Pilot Program

Fall 2017: Pilot program approved

- Two year pilot, to operate throughout current service area
- Depot charging, extended range buses
 - Phase 1: 6 Battery electric buses
 - Phase 2: 1 - 2 Additional BEB's, 1-2 Fuel cell electric buses

Spring 2018:

- Consultant (CTE)
- Ordered: 6 New Flyer, extended range (480kw), up to 9 depot chargers

Summer 2018 - 2019:

- Develop pilot program detailed work plan
- ***Infrastructure development and installation***

Fall 2019 thru 2021:

- Pilot operation, analysis, reporting
- Development of roadmap for transition to full deployment

