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LBT ORGANIZATIONAL FOCUS



Current Bus Fleet



- **Total Fleet of 249 Buses Includes:**
 - 10 Battery-Electric Buses (BEBs)
 - 125 Compressed Natural Gas (CNGs)
 - 88 Gasoline-Electric Hybrid
 - 26 Diesel



Compressed Natural Gas (CNG) Buses

- 2012 - purchased 64 CNG buses
- 2018 - purchased 40 additional CNG buses with near-zero engines



Battery-Electric Buses (BEB)

Past:

- 2015 purchased 10 Battery-Electric buses
- Introduced in March 2017
- \$12M TIGGER III Grant
- \$700K Port of Long Beach

Upcoming:

- 34 BEBs
 - (14) 40-foot BEBs
 - (20) 30-foot BEBs



Anaheim Street Facility has 10 pedestal charging units

Innovative Clean Transit Regulation (ICT)

The California Air Resources Board's ICT calls for all transit agencies to have a zero-emissions fleet by 2040.



ICT Continued

ZEB Purchase Mandate: Large Transit Agency

- 2023: 25 percent
- 2026: 50 percent
- 2029 and after: 100 percent





LBT STAR Initiative



LBT's Systemwide Transit Analysis and Reassessment (STAR) Initiative is a way of looking at LBT's current transit operations and gathering community feedback on how to improve as an agency, overall.



Goals from STAR Initiative

- Goal One: Retain, Reclaim, and Recruit customers while maintaining and improving choices for those without other options
- Goal Two: Improve integration of local and regional transit service
- Goal Three: Transition LBT from transit operator to mobility provider





STAR Initiative Key Themes

1



More frequent service

2



Later evening/earlier morning service

3



More destinations

4



Innovative transit solutions

5



Easier to understand service

6



Better regional connections



LONG BEACH TRANSIT



STAR Initiative Accomplishments

- Extended Route 21 to the City of Paramount
- Extended Route 22 to Metro Green Line Lakewood Station
- Extended Route 45 and 46 to California State University, Long Beach and the VA Medical Center
- Enhanced several route services to major job destinations within the service area



Advanced Technology Bus Stop Pilot

Anaheim Street and Cherry Avenue



- Video Cameras
- Wi-Fi
- Audio Annunciator
- Interactive Kiosk
- Real Time Information on E-paper and Outdoor Display
- USB Phone Charger

Strategic Sustainability Plan



- Partnering with USC to assist LBT in developing an overall sustainability plan over the next 10 years.
 - First Phase (Completed)
 - Obtain baseline information on major indicators of transit sustainability
 - Develop guidelines for monitoring the sustainability indicators
 - USC research team will propose options for LBT's sustainability program
 - Second Phase (Ongoing)
 - Develop a draft for LBT to attain its sustainability goals
 - Obtain feedback from LBT management and finalize the draft
 - Follow up the strategic plan with education and training of LBT staff

Thank You!

