LOS ANGELES WORLD AIRPORTS

MOU Implementation Progress Report 2024-2025

Los Angeles World Airports

South Coast AQMD Working Group Meeting

September 2026

MOU Implementation Progress Report 2024-2025

MOU Overview:

- On December 6, 2019, the South Coast AQMD and Los Angeles World Airports (LAWA) entered into a MOU.

  - **Measure No. 1 – Ground Support Equipment Emissions Reduction Policy**
    - Require that all ground support equipment operators at LAX achieve fleet average Oxides of Nitrogen (NOx) + Hydrocarbon (HC) emission factors of 1.8 grams and 1.0 grams per brake horsepower hour (g/bhp-hr of NOx + HC) by January 1, 2023, and January 1, 2031

  - **Measure No. 2 – LAX Alternative Fuel Vehicle Incentive Program**
    - LAWA launched an incentive program to distribute up to $500,000 in incentive funding to operators of vehicles over 14,001 pounds gross vehicle weight rating at LAX by December 31, 2021

  - **Measure No. 3 – Zero-Emission Bus Program**
    - Replace 20% and 100% of LAWA-owned and operated buses with zero emission buses by January 1, 2023, and January 1, 2031

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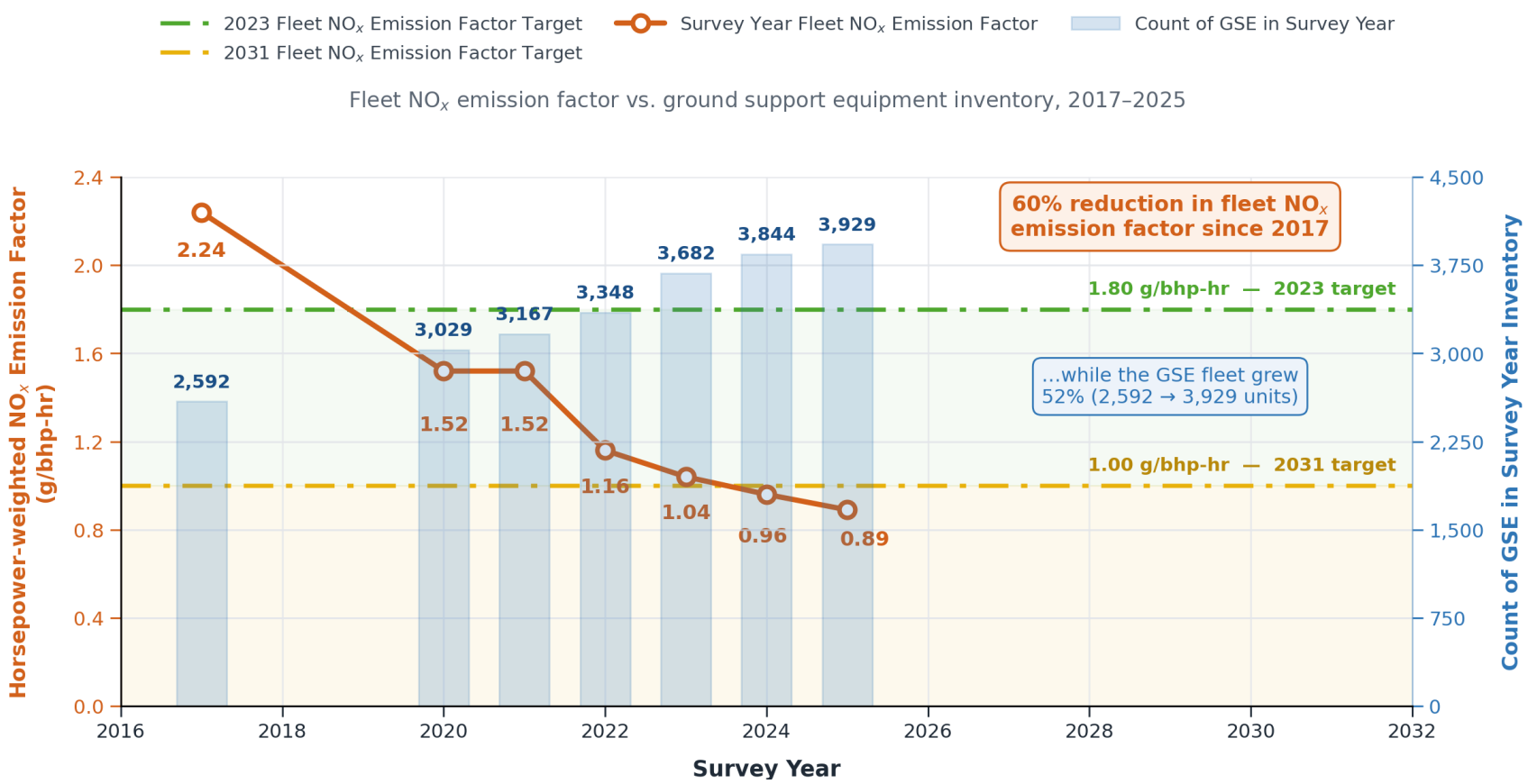
Measure No.1
Ground Support Emission Reduction Policy



Progress:

- GSE emissions reductions as of December 31, 2025:
  - 44.28 tons NOx since 2021
  - 69.52 tons NOx versus the baseline year
- Fleet turnover continued toward newer electric, gasoline, and cleaner diesel equipment
  - Net reduction of 178 GSE model year pre-2021
  - Net increase of 263 GSE model year 2021 and newer

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Measure No.1
Ground Support Emission Reduction Policy

Supporting Actions and Initiatives:

- LAX Zero-Emission GSE Policy: adopted Jan 2024, updated Oct 2025
  - 100% zero-emission fleet by 2033
  - GSE tracking database launching late 2026
  - Annual fees to retire unused GSE at LAX

- GSE Manager Meetings (since Oct 2024): recurring stakeholder forum on program updates, regulations, and electrification efforts

- $500K eGSE Incentive Program: 5 operators applied for 34 units; $475K awarded as of Sept 2026, $15K remaining

- $3.9M FAA Grants:
  - $1.5 million in 2024 for 27 Level 2 tri-port chargers (81 connectors)
  - $2.4 million in 2025 for 32 Level 2 tri-port chargers (96 connectors) and 10 Level 3 tri-port chargers (30 connectors), for a total of 69 tri-port chargers and 207 charging connectors.

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Measure No.2
Alternative Fuel Vehicle Incentive Program

Progress:

- Incentive program reauthorized April 2025, with the remaining $175,000 limited to zero-emission heavy-duty vehicles
  - LAX tenant agreement in development for three Class 8 electric trucks, with up to $100k in funding; $75k remains available

Supporting Actions and Initiatives:

- Since June 2025, LAWA has promoted the program through emails, workshops, industry events, quarterly presentations reaching 150+ companies
- Draft LAX Sustainability Action Plan targets zero-emission airport-related fleets by 2035.
- Outreach is underway on a voluntary program prioritizing ZE and NZE trucks at LAX cargo facilities
- EV charging infrastructure study

LAX Alternative Fuel Vehicle Incentive Program Awardees

$325,000 Funded the Replacement of 15 Vehicles with Low-NOx Models

airfayre
Awarded: $100,000
Replaced: 2 (two)
Class 8 diesel trucks

MUTUAL PROPANE
Awarded: $20,000
Replaced: 1(one)
Class 7 diesel trucks

CPS
Awarded: $60,000
Replaced: 4 (four)
Class 4 diesel trucks

HACOR Inc. by OURHOME CATERING
Awarded: $105,000
Replaced: 6 (six)
Class 7 diesel trucks

SIXT
Awarded: $40,000
Replaced: 2 (two)
Class 7 diesel trucks

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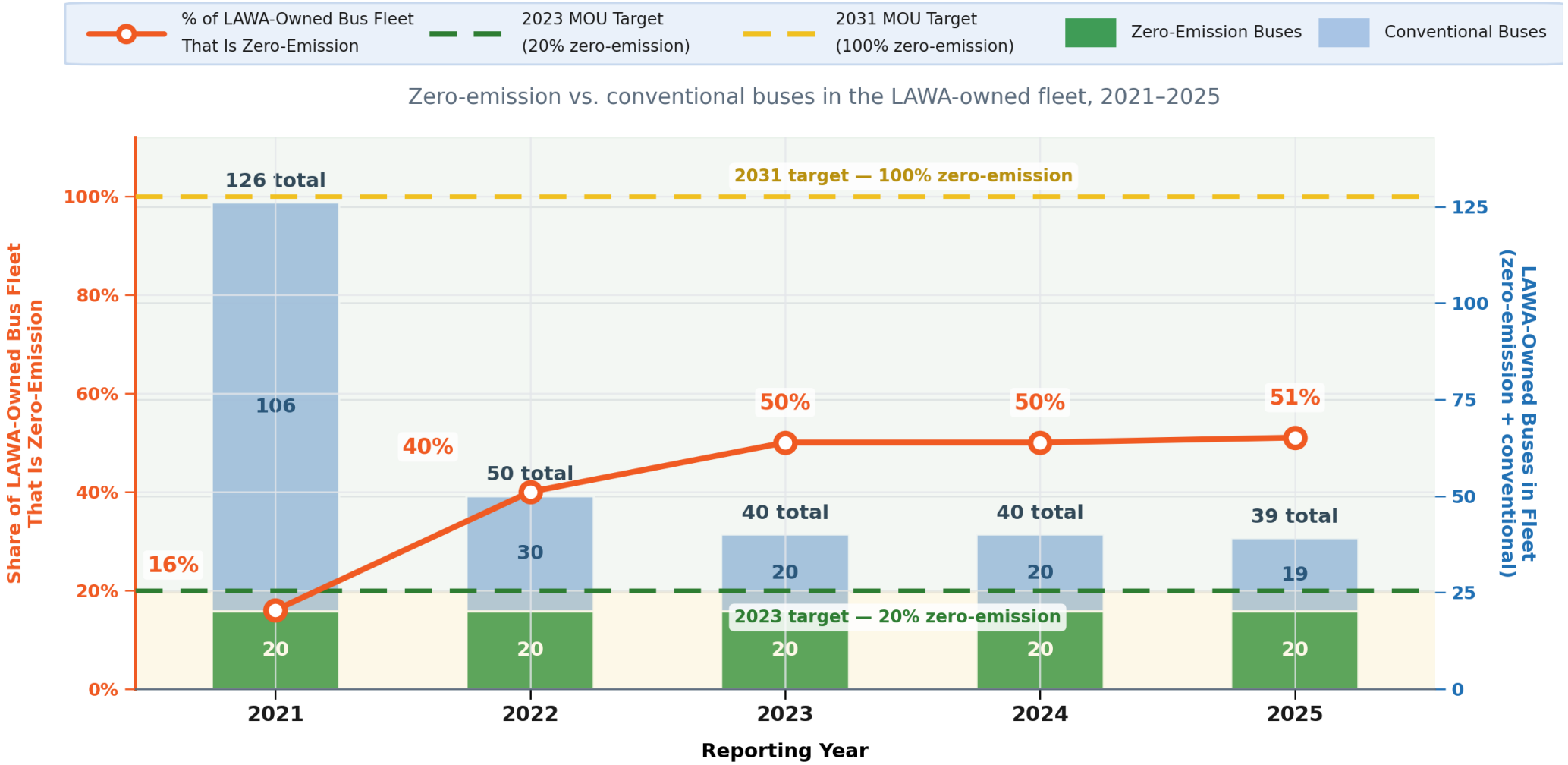
Measure No.3
Zero-Emission Bus Program



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Measure No.3
Zero-Emission Bus Program

Progress:

- As of December 31, 2025, LAWA owned 39 buses
- By year-end 2025, electric buses comprised ~51% of LAWA -owned bus fleet
  - One diesel shuttle bus was scrapped in October 2025

Supporting Actions and Initiatives:

- May 2024: BOAC approved purchase of up to 27 electric buses (13 initial + 14 optional)
  - 13 have been delivered and were placed into service at LAX in 2026
- In 2025 ABM placed 11 electric buses into service for LAX parking operations
- January 2026: BOAC approved the LAX Electric Bus Charging Lot, completion expected April 2027:
  - Eight 180-kW Level 3 bus chargers
  - Two 15-kW Level 2 dual-port EV chargers, and
  - Conduit for six future bus stations

- LAX/Metro Transit Center offers direct Metro access to LAX
- LAX SkyLink will directly link the Metro Transit Center, Ground Transporation Center, Rental Car, an terminals, cutting shuttle bus needs

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Thank You