

HOLLYWOOD BURBANK AIRPORT UPDATE

South Coast Air Quality Management District
Airports Mobile Source Working Group
Meeting #7 – November 2025



Measure No.1

Ground Support Equipment



Program Description

Requires GSE operators to reduce NOx emissions to achieve airport-wide composite average performance factors equal to or less than **1.66 grams per horsepower-hour of nitrogen oxides (g/hp-hr of NOx) by January 1, 2023,** and **0.74 g/hp-hr of NOx by January 1, 2031.**

Hollywood Burbank Airport GSE Summary

Fleet Mix ¹						Emissions (tons per year) ²	
Year	Total	Electric	Diesel	Gas	Other	NOx	PM _{2.5}
2017	232	107	62	50	13	19.1	0.37
2020	224	90	68	55	11	11.2	0.24
2021	286	117	94	62	13	12.2	0.33
2022 ³	294	122	93	66	13	11.6	0.34
2023	282	121	85	64	12	9.8	0.31

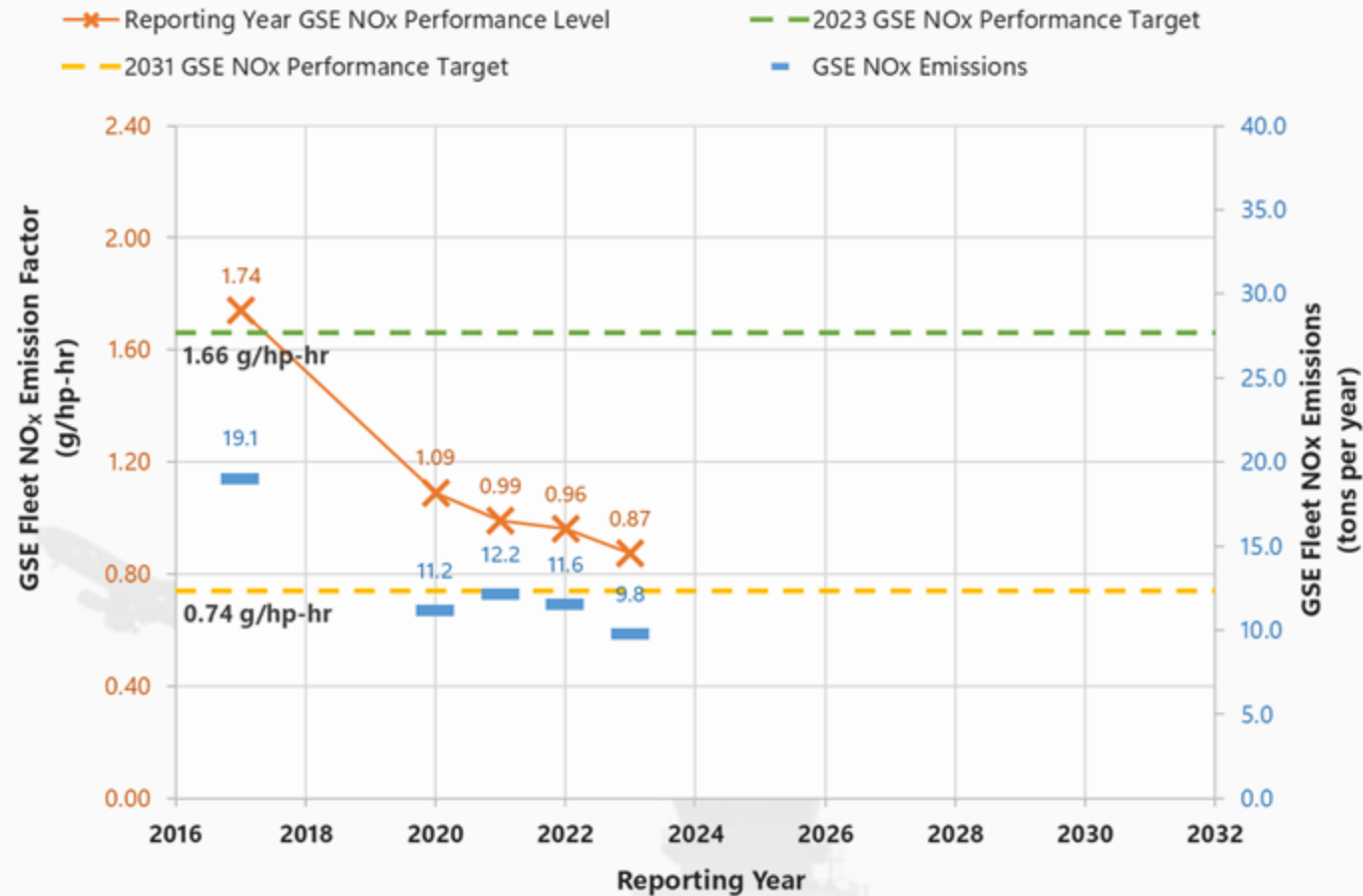
1. Includes ≥ 25 horsepower in-use equipment used in the calculation of the NOx performance factor.
2. Includes operation of all reported equipment, including < 25 horsepower and low-use equipment.
3. Minor refinements were made to 2022 results to account for new tenant equipment usage data obtained under 2023 survey.

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Hollywood Burbank Airport GSE Measure Progress



Performance Levels (NOx)

- **2017:** 1.74 g/hp-hr
- **2020:** 1.09 g/hp-hr
- ✓ *Target Achieved (2023, 1.66 g/hp-hr)*
- **2021:** 0.99 g/hp-hr
- **2022:** 0.96 g/hp-hr
- **2023:** 0.87 g/hp-hr

Annual Emissions (NOx)

- **2017:** 19.1 tons/year
- **2020:** 11.2 tons/year
- **2021:** 12.2 tons/year
- **2022:** 11.6 tons/year
- **2023:** 9.8 tons/year
- ✓ *49% reduction vs MOU inception*

Measure No.1

GSE Program Vehicle Fleet Mix



Legacy GSE

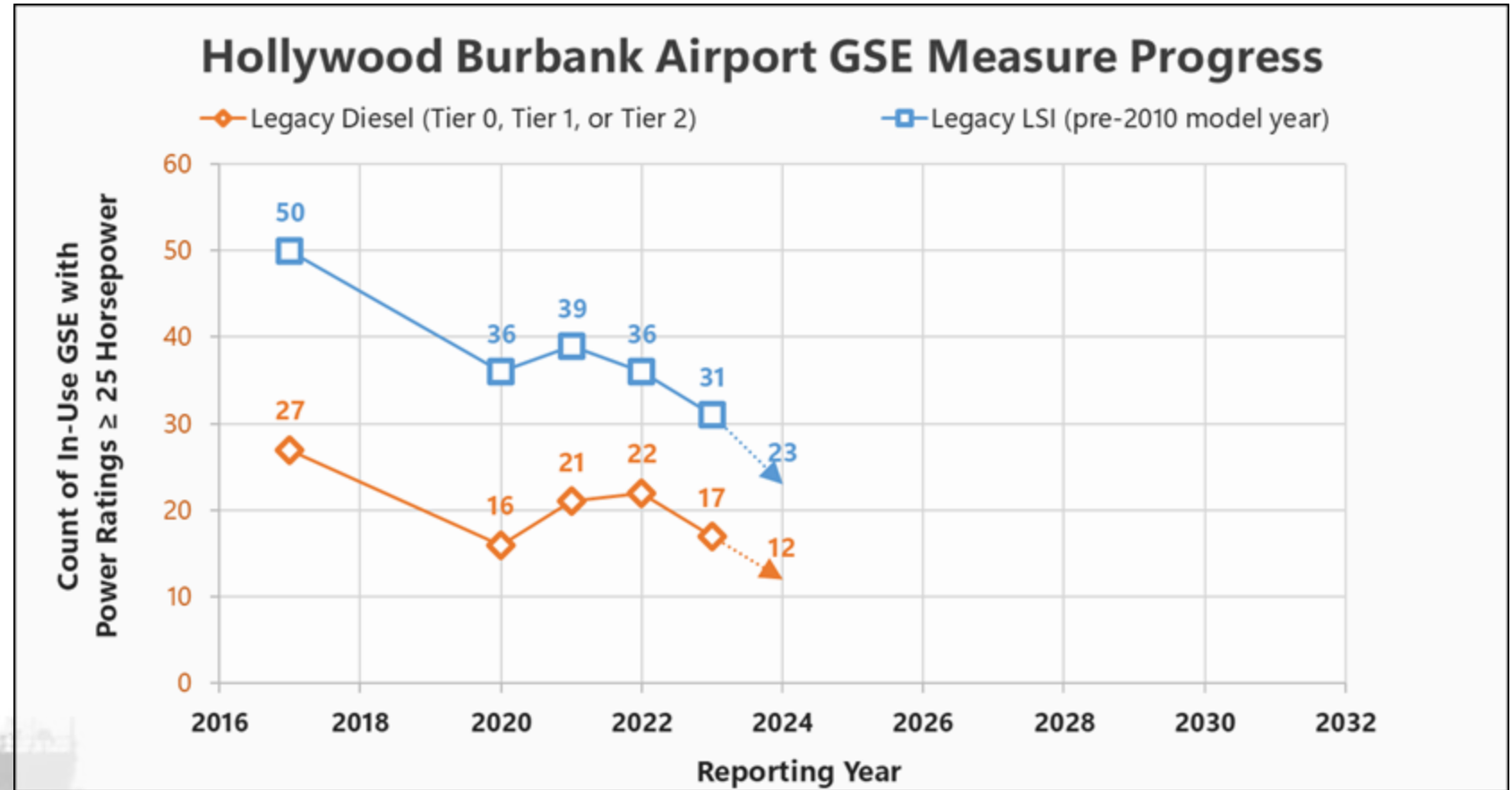
The Authority maintains active dialogues with operators to facilitate equipment turnover.

Older, higher-pollution “legacy” GSE trending down.

✓ *38% removed under MOU*

Looking Forward

Significant additional removal expected for 2024 and into the future.



Measure No.2

Burbank Airport Shuttle Fleet Conversion



Program Description

Requires airport owned or contracted shuttle bus fleet to operate greater than or equal to **50% electric buses by January 1, 2023**, and **100% electric buses by January 1, 2031**.

Program Status

Five-year contract for shuttle services awarded for service starting October 1, 2023, requiring use of 50% electric buses (at minimum) and installation of supporting EV infrastructure within 18 months (April 2025).

- ✓ *On March 27, 2025, 4 electric shuttles (replacing 50% of in-use fleet) and supporting EV chargers were delivered to Hollywood Burbank Airport!*



Looking Forward

The service starting 2028 contract will require 100% electric by 2031.

Separate from MOU: ElevateBUR – Replacement Terminal



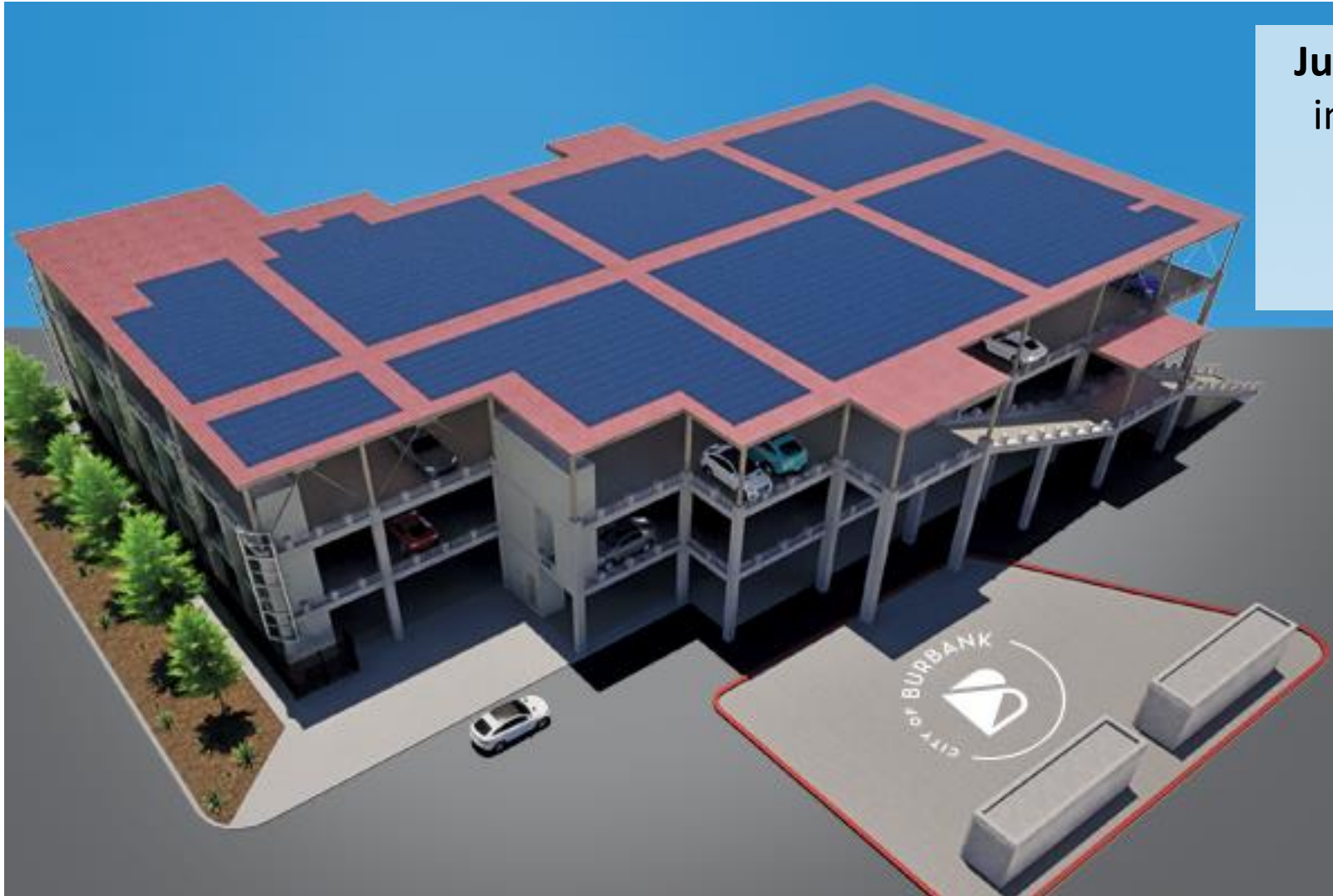
January 24, 2024 – Authority breaks ground on new terminal! Opening on October 13, 2026.

Design Input – Dozens of meetings and workshops with stakeholders provided input on electrical capacities, power types, charger compatibilities, and other operational needs.

✓ ***Electrified by Design** – All gates to be equipped with aircraft ground power and GSE chargers*



Separate from MOU: RITC Solar + Battery System



July 31, 2025 – Burbank Water and Power, in partnership with the Airport Authority, break ground on Regional Intermodal Transportation Center (RITC) on-airport solar project.

Burbank's Largest Solar System

2.4 MW of roof mounted solar

8 MWh of battery storage

✓ *Will generate enough power
for 585 homes.*

Thank You!

