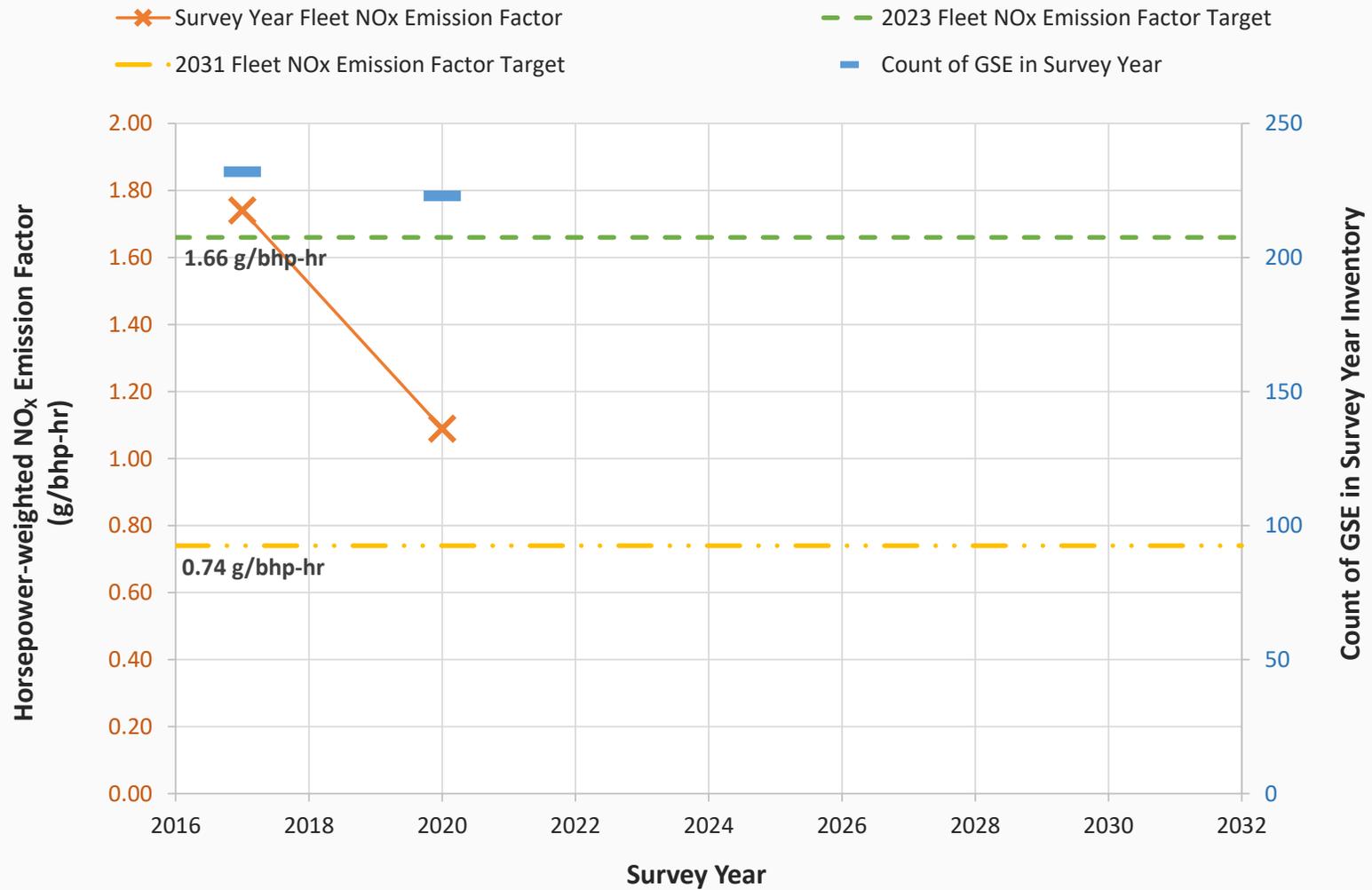


Survey Year	Count of Equipment <sup>[1]</sup>	Percent Electric <sup>[1]</sup>	OFFROAD Method NO <sub>x</sub> <sup>[2][3]</sup> (short tons)	CARB Factors Method NO <sub>x</sub> <sup>[2][4]</sup> (short tons)	MOU Fleet Performance NO <sub>x</sub> <sup>[1][5][6]</sup> (g/bhp-hr)
2017	232	46.1%	17.85	19.07	1.74
2018					
2019					
2020	223	40.4%	16.00	11.20	1.09
2021					
2022					
2023					
<b>2023</b>				<b>Performance Target: 1.66</b>	
2024					
2025					
2026					
2027					
2028					
2029					
2030					
2031					
<b>2031</b>				<b>Performance Target: 0.74</b>	
2032					

**Notes:**

- [1] Low-use and <25 horsepower non-electric equipment **excluded**
- [2] All reported equipment, including low-use and <25 hp equipment **included**
- [3] Emission factors back-calculated from OFFROAD2017 outputs (outdated LSI emission factors).
- [4] Emission factors provided by CARB July 2021 based on certified engine standards (LSI) and 2017 ORDAS model (ORD).
- [5] Calculated as a fully-loaded horsepower-weighted factor consistent with the methodology employed throughout the development of the **SCAQMD and Burbank-Glendale-Pasadena Airport Authority 2019 MOU**.
- [6] Reporting year 2020 performance factor calculated using emission factors provided by CARB July 2021 based on certified engine standards (LSI) and 2017 ORDAS model (ORD). Reporting year 2017 factor and targets for years 2023 and 2031 based on back-calculated emission factors from the OFFROAD2017 model.

# Hollywood Burbank Airport GSE Program Progress



## 2020 BUR GSE Program Inventory by Fuel

	Fleet Inventory Equipment Count <i>(including &lt;25hp non-electric equipment)</i>			Fleet Inventory Annual Emissions <i>(including &lt;25hp non-electric and low-use equipment)</i>						
	In-Use (any fuel)	Low-Use (any fuel)	Total (any fuel)	ROG (short tons)	CO (short tons)	NO <sub>x</sub> (short tons)	PM <sub>10</sub> (short tons)	PM <sub>2.5</sub> (short tons)	CO <sub>2</sub> e (metric tons)	SO <sub>x</sub> (short tons)
<b>Overall Fleet</b>	<b>226</b>	<b>61</b>	<b>287</b>	<b>5.0</b>	<b>39.7</b>	<b>11.2</b>	<b>0.281</b>	<b>0.243</b>	<b>2,408</b>	<b>0.0091</b>
Overall Fleet Percent	78.7%	21.3%	--	--	--	--	--	--	--	--
<b>Diesel</b>	68	22	90	0.4	4.9	4.3	0.174	0.160	1,083	0.0052
<i>Tier 4</i>	36	5	41	0.1	2.4	1.0	0.026	0.024	527	0.0026
<i>Tier 4i</i>	6	2	8	0.1	0.6	0.5	0.018	0.016	151	0.0007
<i>Tier 3</i>	10	7	17	0.1	1.0	1.2	0.071	0.066	224	0.0011
<i>Tier 2</i>	8	5	13	0.1	0.7	1.0	0.038	0.035	121	0.0006
<i>≤ Tier 1</i>	6	3	9	0.1	0.2	0.6	0.021	0.019	55	0.0003
<i>On-Road</i>	2	0	2	0.0	0.0	0.0	0.001	0.001	5	0.0000
<b>Gasoline</b>	57	7	64	4.4	33.1	6.4	0.098	0.074	1,229	0.0038
<i>Pre-2010</i>	31	6	37	4.3	28.8	6.3	0.070	0.053	895	0.0028
<i>2010 and Newer</i>	26	1	27	0.1	4.3	0.2	0.028	0.021	334	0.0010
<b>LPG</b>	11	2	13	0.2	1.7	0.5	0.008	0.008	96	0.0000
<i>Pre-2010</i>	6	2	8	0.2	1.1	0.5	0.005	0.005	57	0.0000
<i>2010 and Newer</i>	5	0	5	0.0	0.6	0.0	0.003	0.003	39	0.0000
<b>Electric</b>	90	30	120	0.0	0.0	0.0	0.000	0.000	0	0.0000