

# HOLLYWOOD BURBANK AIRPORT UPDATE

South Coast Air Quality Management District Airports  
Mobile Source Working Group  
September 2021



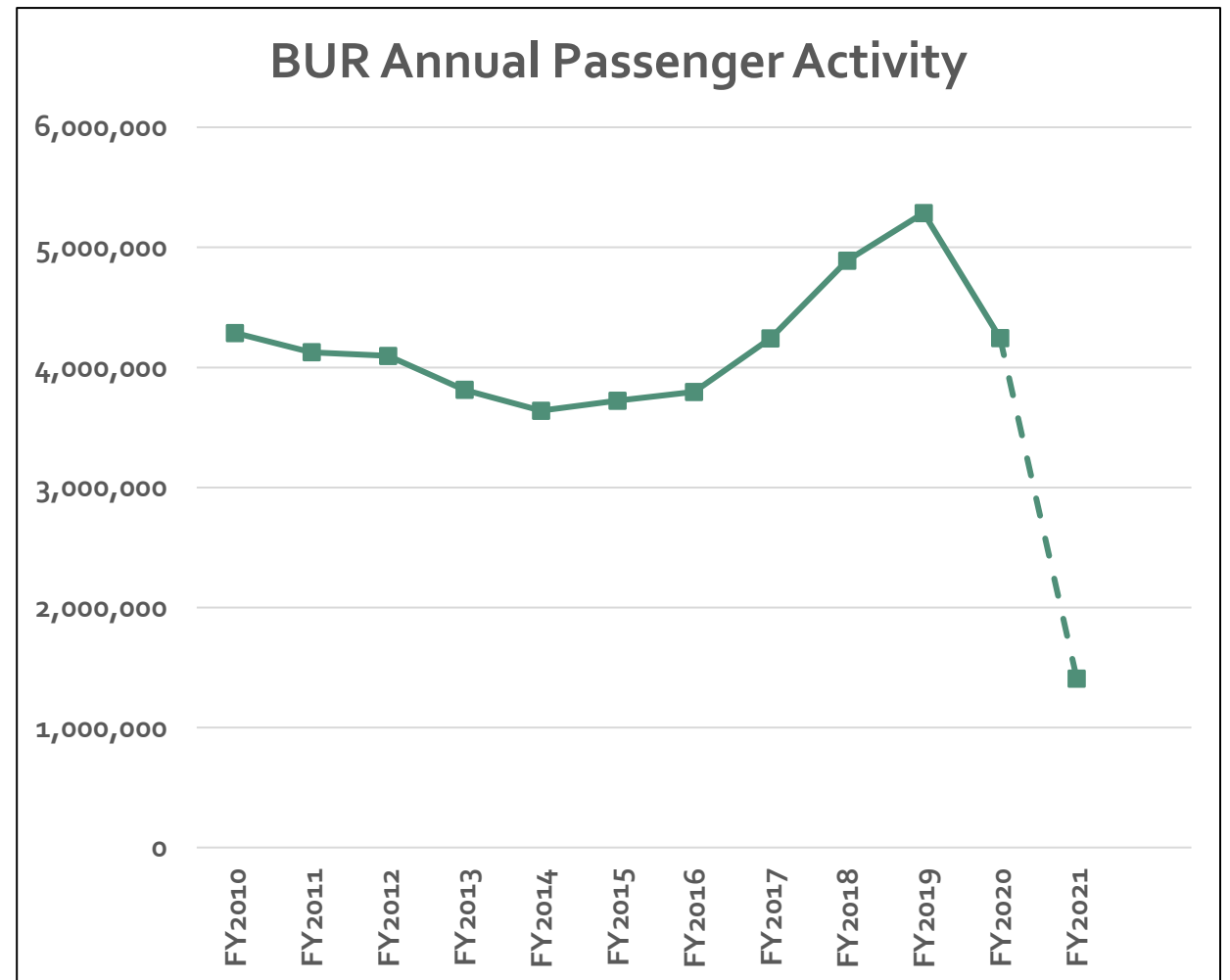
# BUR Current Passenger Activity Levels



**On December 2019, an MOU was entered by the South Coast AQMD and BUR Airport.**

**Despite COVID impacts, BUR continued to implement MOU Measures.**

- COVID-19 Impact
  - Domestic travel decreased to unprecedented levels in 2020
  - April 2020 passenger traffic was 97% lower than April 2019 numbers
  - Passenger traffic has recovered to 28.6% of 2019 levels as of June 2021
  - FY2022 passenger traffic is expected to be at 46% of FY2019 levels
  - BUR Operating Revenue declined by 5.4 in FY2020 and FY2021 Operating Revenue declined by \$23.5M from FY2019. An estimated \$20.5M decline is expected in FY2022 compared to FY2019.





# Measure No.1 Ground Support Equipment

## Program Description

Requires all GSE operators operating at BUR to reduce NOx emissions to achieve a GSE fleet average composite emissions factor which is equal to or less than **1.66 horsepower-hour of nitrogen oxides (g/hp-h of NOx)** by **January 1, 2023**, and **0.74 g/hp-h of NOx** by **January 1, 2031**.

## Progress To Date

- Outreach has been conducted to airlines and third –party operators
- BUR continues to evaluate and assess fleet turnover, and work with individual airlines and operators to retire older equipment
- Developed an annual emission inventory for all ground support equipment associated with commercial operations at BUR, including methodology and calculations.

### 2020 Hollywood Burbank Airport MOU Summary

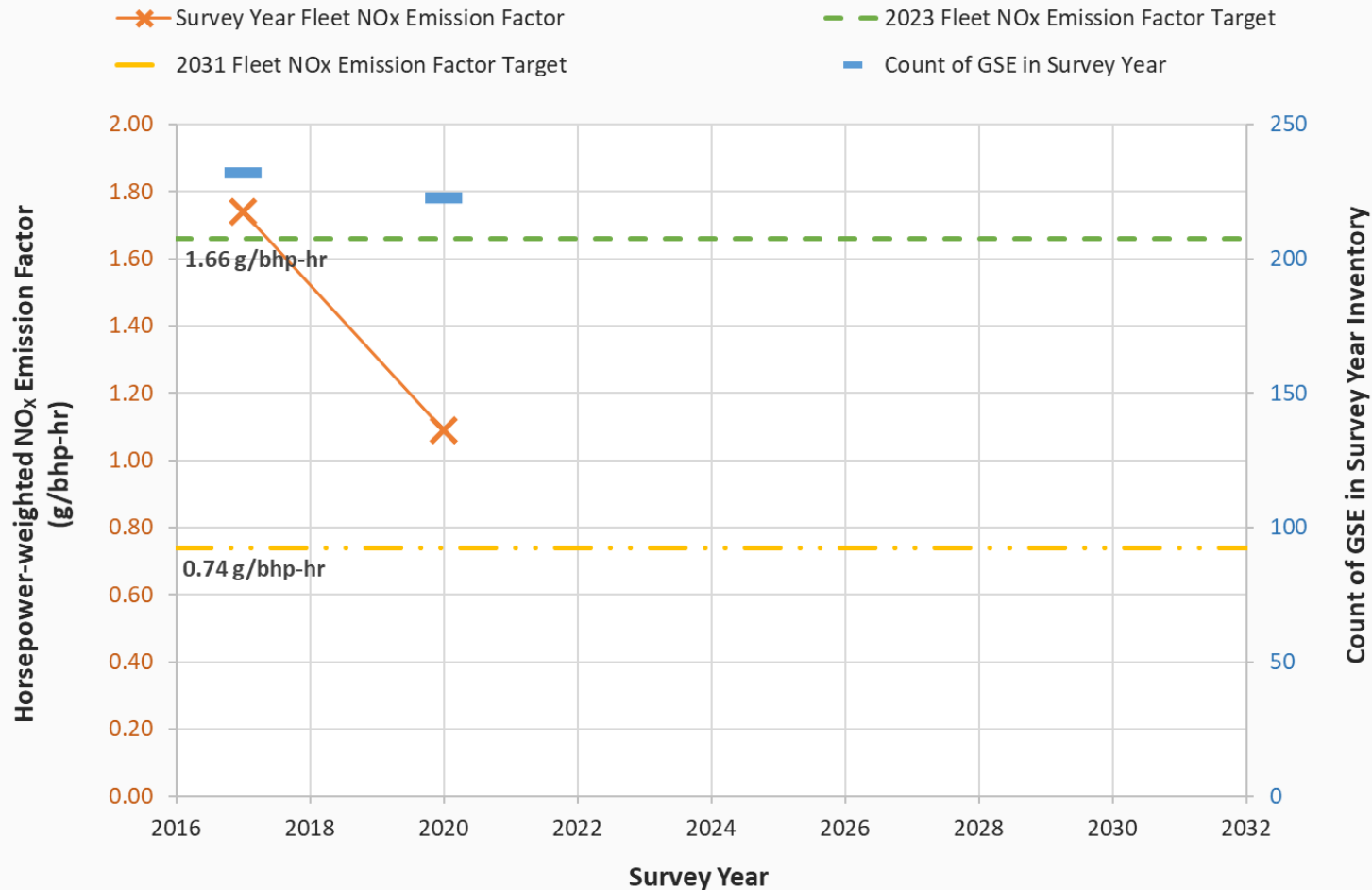
Fleet Mix					Fleet Emissions (tons per year; metric tons for CO2e)						
Total	Electric	Diesel	Gas	Other	CO	ROG	NOx	PM10	PM2.5	SOx	CO2e
223	90	68	55	10	39.7	5.0	11.2	0.28	0.24	0.01	2,408



# Measure No.1 Ground Support Equipment



## Hollywood Burbank Airport GSE Program Progress



## Progress To Date

- Fleet Average Emission Factor Trending Down
  - 1.74 g/bhp-hr (2017)
  - 1.09 g/bhp-hr (2020)
  - 1.66 g/bhp-hr (2023 target)



# Measure No.2

## Burbank Airport Shuttle Fleet Conversion



### Program Description

- Percent of electric vehicles in BUR's bus fleet will increase with the objective of 50% electric fleet by 2023, and 100% conversion by 2031

### Progress To Date - Challenges due to COVID-19

- Unprecedented loss of passenger activities and anticipated revenues
- Shuttle services to parking lots were fully suspended in April 2020 and did not resume in FY2021.

### September 2021 Status

- Shuttle Fleet BID will be renewed prior to 2023 to comply with MOU requirements for electric bus fleet



# Thank You!

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