



# F A C T S H E E T

## JOHN WAYNE AIRPORT AIRPORT MOU SEMI-ANNUAL PROGRESS REPORT JUNE 2020

John Wayne Airport (JWA) entered into a Memorandum of Understanding (MOU) with South Coast AQMD in December 2019 to implement specific measures at the airport to achieve emission reductions. In addition to the annual reports, the airport will provide semi-annual progress reports in 2020 on the implementation of those measures. JWA has held firm to its obligations under the MOU despite dramatic reductions in passenger activity due to COVID-19.

### MOU MEASURE NO. 1: GROUND SUPPORT EQUIPMENT

Ground Support Equipment (GSE) is used to service aircraft between flights and includes refueling equipment, luggage/freight carts and food services. This measure requires that all GSE operators to upgrade to a cleaner fleet by January 1, 2023, and to continue upgrading the fleet so that it is 47% cleaner by January 1, 2031. To meet these targets, JWA will continue to work with tenants to accelerate turnover to cleaner equipment. Progress to date is summarized below:

- Coordinated with airlines and third-party operators regarding the MOU requirements.
- Continuing to evaluate and assess GSE fleet turnover.
- Currently revising airline contracts to address GSE emission goals.
- Charging infrastructure is currently installed at all commercial gates, and the need for additional locations is being evaluated.



### MOU MEASURE NO. 2: JET FUEL DELIVERY TRUCKS

This measure requires that JWA install a jet fuel pipeline by the end of 2019 and eliminate routine commercial aviation jet fuel delivery trucks by January 1, 2023. Progress to date is summarized below:

- The pipeline became operational in October 2019.
- Under existing contractual obligations, two small operations take routine deliveries by tanker truck.
- Working with tenants to further reduce fuel truck deliveries.
- Coordinating with tenants to track fuel deliveries.



### MOU MEASURE NO. 3: PARKING SHUTTLE BUS ELECTRIFICATION

This measure requires that JWA replace a minimum of 50% and 80% of employee and passenger remote parking compressed natural gas shuttle buses with electric shuttle buses by January 1, 2023, and 2031, respectively. JWA may continue to reserve non-battery-electric shuttle buses for standby and emergency use. Progress to date is summarized below:

- Engaged and tested electric buses on bus routes.
- Reviewed and identified charging and infrastructure needs.
- Signed a purchase contract for the first three of potentially twelve electric buses and chargers.
- Developed a long-range plan for grant funding and purchase of the remaining electric buses and chargers.
- Working with the local utility to install electrical infrastructure.



Collectively, these measures will reduce NOx by 17.3 tons per year, the equivalent to removing more than 22,780 cars off the road. When released into the atmosphere, NOx gases react to form ground level ozone, otherwise known as smog.