

# Zero-Emission Airport Shuttle Regulation Factsheet

October 2019

## What is the Zero-Emission Airport Shuttle Regulation and to whom does it apply?

The Zero-Emission Airport Shuttle Regulation, adopted in June 2019 by the California Air Resources Board, requires airport shuttle operators to transition to 100 percent zero-emission vehicle (ZEV) technologies. Airport shuttle operators must begin adding zero-emission shuttles to their fleets in 2027, and complete the transition to ZEVs by the end of 2035. The regulation applies to airport shuttle operators who own, operate, or lease vehicles at any of the 13 California airports regulated under this rule (regulated airports) (Table 1).

## Which airport shuttles are subject to the regulation?

Airport shuttles that meet each of the following conditions fall under the regulation:

- Shuttles operating at regulated airports in California.
- Shuttles with gross vehicle weight ratings (GVWR) of 8,501 lbs or greater, which transport passengers to, from, or around a regulated airport.
- Shuttles with fixed destination routes that may include stops at locations such as rental car facilities, on-airport or off-airport parking, hotels, or other tourist destinations. (A fixed destination route is a predetermined route that transports passengers between the same locations, although the number of stops along the route may vary.)
- Shuttles based or housed within 15 miles of a regulated airport that have round trip routes equal to or less than 30 miles.

Table 1

Regulated Airports	
Los Angeles (LAX)	John Wayne (SNA)
San Francisco (SFO)	Sacramento (SMF)
San Diego (SAN)	Mineta San Jose (SJC)
Hollywood Burbank (BUR)	Palm Springs (PSP)
Oakland (OAK)	Santa Barbara (SBA)
Ontario (ONT)	Long Beach (LBG)
Fresno (FAT)	

## What are the Zero-Emission Airport Shuttle Regulation requirements?

- Airport shuttle fleets must meet fleet ZEV requirements according to the compliance schedule in Table 2.
- After January 1, 2023, a fleet owner choosing to replace a ZEV in the existing fleet must replace it with another ZEV.
- Model year 2026 (and later) airport shuttles greater than 14,000 lbs (GVWR) must comply with the Zero-Emission Powertrain Certification Regulation.
- Reporting and record keeping requirements begin in 2022.

Table 2

Fleet ZEV Requirements	
Compliance Deadline	% of Fleet That Must Be Zero-Emission
December 31, 2027	33%
December 31, 2031	66%
December 31, 2035	100%

## Flexibility Options

The regulation includes flexibility options to assist airport shuttle operators with the technological transition. These are:

- Reserve Airport Shuttle Exemption: Airport shuttle fleets may operate internal combustion “reserve” shuttles less than 3,000 miles per year. Shuttles designated as “reserve” will not affect the fleet ZEV percentage.
- Emergency Exemption: Shuttle operation during a natural disaster, power grid outage, or other designated state of emergency is not subject to the regulation.
- Transit Agency Exemption: Vehicles subject to the Innovative Clean Transit Regulation are not subject to the Zero-Emission Airport Shuttle Regulation.
- Infrastructure Facility Extension: Shuttle operators may apply for a compliance deadline extension if their facility cannot accommodate adequate charging infrastructure.
- Compliance Extension: Shuttle operators may apply for a compliance deadline extension if they are unable to comply due to unforeseen circumstances.

## Where can I go for more information?

Zero-Emission Airport Shuttle Regulation fact sheets and regulatory documents are available at <https://ww2.arb.ca.gov/msprog/asb/asb/htm>. This fact sheet does not replace the adopted regulatory text, which takes precedence in all instances.

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