



Daily Usage Exemption Discussion Topic

Rule Provisions Truck Regulation Implementation Group
June 5, 2024

Resources

1 Advanced Clean Fleets Regulation
<https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-regulation-advisories>

2 Daily Usage Exemption Fact Sheets
<https://ww2.arb.ca.gov/resources/fact-sheets/advanced-clean-fleets-regulation-daily-usage-exemption>

3 Exemptions and Extensions Overview
<https://ww2.arb.ca.gov/resources/fact-sheets/advanced-clean-fleets-regulation-exemptions-and-extensions-overview>

4 Advanced Clean Fleets FAQs
<https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-fact-sheets>

Description and General Requirements

Allows fleets to purchase a new internal combustion engine (ICE) vehicle if no new battery electric vehicle (BEV) is available to purchase that can meet the demonstrated daily usage needs of any existing vehicles of the same configuration in the fleet

- Daily usage refers to the average daily range needs and/or energy usage demands of vehicles in a fleet
- Fleets may only request if at least ten percent of California fleet is comprised of ZEVs or near-zero-emissions vehicles (NZEVs) with minimum all electric range



Available For These Compliance Pathways:

- ✓ Model Year Schedule
- ✓ ZEV Purchase Schedule
- ✓ ZEV Milestone Option
- ✗ Drayage Trucks

How to Claim

1

Ensure Eligibility

Review the requirements that apply for each compliance method to ensure eligibility

2

Email Documentation

Send email to TRUCRS@arb.ca.gov with all required documentation

3

Upon Approval

Place new ICE vehicle orders within 180 calendar days (or one year for government fleets) from date exemption is granted

Eligibility Requirements Based on Compliance Method

Model Year Schedule (High Priority and Federal Fleets)- The model year of the ICE vehicle being replaced is at least 16 years old or the odometer exceeds 700,000 miles, whichever occurs first. The fleet owner must request and obtain the exemption no later than one year before the applicable compliance date.

ZEV Purchase Schedule (State and Local Government Fleets) - The model year of the ICE vehicle being replaced is at least 13 years old.

ZEV Milestones Option - The fleet owner must request and obtain the exemption no later than one year before the next applicable compliance date, and must demonstrate their next applicable upcoming ZEV Fleet Milestone cannot be reached without exemptions by requesting and obtaining exemptions for all other ICE vehicles in their California fleet.

Required Documentation to Claim Exemption

1 Make, model, weight class, configuration, and a photographs of the ICE vehicle to be replaced

2 A comparable BEV (battery electric vehicle) in the same weight class and configuration with the highest available manufacturer's rated energy capacity

3 The calculated range of the BEV, or measured energy usage of a BEV operated on similar assignments (This can include energy used by truck-mounted equipment while stationary)

4 Report with 30 consecutive workdays of daily mileage and energy used by each ICE vehicle of the same weight class and configuration of the vehicle to be replaced. Data must be within the past 12 months except fleet owners with mutual aid agreements may use the last 60 months

5 Description of daily assignments or routes used by existing vehicle configurations and explanation of why available BEVs cannot be charged during the workday or during driver rest periods

Sample Daily Range Data Submission

<u>Date</u>	<u>Day</u>	<u>Box Truck #1 (miles)</u>	<u>Box Truck #2 (miles)</u>	<u>Box Truck #3 (miles)</u>	<u>Box Truck #4 (miles)</u>	<u>Daily Minimum (miles)</u>
10/2/2023	Mon	219	273	221	279	219*
10/3/2023	Tue	236	239	222	138	138
10/4/2023	Wed	119	124	264	225	119
10/5/2023	Thu	192	184	183	279	183*
10/6/2023	Fri	181	278	99	243	99
10/9/2023	Mon	225	228	102	245	102
10/10/2023	Tue	282	126	133	260	126
10/11/2023	Wed	223	230	166	243	166**
...
11/16/2023	Thu	115	265	268	137	115
11/17/2023	Fri	127	215	116	169	116
11/20/2023	Mon	153	211	218	154	153
11/21/2023	Tue	165	242	159	210	159
11/22/2023	Wed	274	177	289	176	176*
11/23/2023	Thu	122	199	193	144	122
11/24/2023	Fri	124	172	244	277	124
11/27/2023	Mon	237	219	92	155	92
11/28/2023	Tue	271	127	100	226	100

*Exclude for calculation

**Highest Remaining Mileage

Not Eligible for Daily Usage Exemption

- A vehicle is not eligible for a daily usage exemption if the configuration is available to purchase as:
 - NZEV
 - FCEV (Hydrogen fuel-cell electric vehicle)
 - BEV with a rated battery energy capacity of at least
 - 150 kWh for Class 2b-3
 - 325 kWh for Class 4-6
 - 450 kWh for Class 7-8 except tractors or three-axle buses
 - 1,000 kWh for Class 7-8 tractor or three-axle bus

After Review and Notification

- Fleet owner will be notified if exemption approved (or incomplete) by email within 45 calendar days of submitting a complete application.
 - Approved applications allow fleets to purchase ICE replacement vehicle.
- Report all added or removed vehicles in TRUCRS within 30 days
 - VIN, make/model, etc.
 - Whether the vehicle was purchased pursuant to any exemption or extension
 - Date vehicle removed
- Keep records

Discussion Topics

- 1) What types of daily data do you collect from your trucks
- 2) What types of telemetry or other data collection systems do you utilize
- 3) Do you already track daily fuel usage by vehicle
- 4) What format or tools would be easiest to submit the data?
 - 1) Excel, Word, CSV data or other data format