

SAM—TRANSPORTATION SERVICES

EXECUTIVE ORDER B-16-12 ZERO EMISSION PURCHASING MANDATE

4121

(Revised 12/2016)

Pursuant to Executive Order (EO) B-16-12 state agencies are required to increase the number of zero emission vehicles (ZEV) within the state fleet through the normal course of fleet replacement so that at least 10 percent of fleet purchases of light-duty (LD) vehicles are ZEV by 2015 and 25 percent by 2020. In accordance with the Governor’s 2016 ZEV Action Plan, beginning in Fiscal Year (FY) 2017/2018, state agencies will be required to increase upon EO B-16-12’s 10 percent ZEV purchasing requirement by 5 percent each year through FY 2024/2025. As EO B-16-12 presently directs each state agency to ensure that at least 10% of its annual LD fleet purchases be a ZEV, a state agency will now be required to increase its annual LD ZEV purchasing as follows:

Fiscal Year	EO B-16-12 ZEV Purchasing Requirements (CURRENT)	EO B-16-12 ZEV Purchasing Requirements (NEW)
2014/2015	10%	10%
2015/2016	10%	10%
2016/2017	10%	10%
2017/2018	10%	15%
2018/2019	10%	20%
2019/2020	25%	25%
2020/2021	25%	30%
2021/2022	25%	35%
2022/2023	25%	40%
2023/2024	25%	45%
2024/2025	25%	50%

ZEVs include pure zero emission vehicles such as hydrogen fuel cell vehicles (FCVs) and battery electric vehicles (BEV). Plug-in hybrid electric vehicles (PHEVs) are considered transitional ZEVs and may be partially considered toward the ZEV requirement. Additionally, medium duty (MD) and heavy duty (HD) ZEV and PHEV purchases may also be considered for the fulfillment of the LD ZEV requirement. However, consideration towards the LD ZEV requirement will be based on their certified electric driving range established by the California Air Resources Board (CARB). See SAM Section 4121.3 “ZEV Credits and Credit Ratios”, for credit information and ranges.

To meet the expanded ZEV purchasing targets, beginning in FY 2017/2018 state agencies are required to purchase ZEVs (including Battery Electric, Fuel Cell, and Plug-In Hybrid) and Hybrid-Electric Alternative Fuel Vehicles (Hybrid AFVs), in designated light-duty vehicle categories, in lieu of light-duty vehicles that are powered solely by internal combustion engines utilizing fossil fuels and flex-fuel vehicles or bi-fuel vehicles powered by petroleum based fuels. See SAM Section 4121.1, “ZEV & Hybrid First Purchasing Mandate” for more details.

(Continued)

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4121 (Cont.1)

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When submitting a FAP, agencies must demonstrate they have sufficient ZEV charging/fueling infrastructure to support their current and future ZEV purchases. See SAM Section 4121.6, “ZEV Infrastructure Readiness” for information necessary to sufficiently demonstrate proper ZEV charging/fueling infrastructure.

At least half (50 percent) of the vehicles required to comply with the ZEV purchasing mandate must be pure ZEVs, unless an agency meets the exemption criteria listed in SAM Section 4121.2 “50 Percent Pure ZEV Purchasing Exemption”.

LD vehicles having special performance requirements necessary for the protection of public safety and welfare are exempted from these mandates. See the SAM Section 4121.4 “EO B-16-12 Public Safety Special Performance Exemption” for details.

All FAPs that do not meet these new purchasing requirements will not be processed.