

# Status of Battery and Fuel Cell Electric Buses in California Transit Agencies

(132 in operation and 655 on order, awarded or planned as of May 2018)



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Battery and Fuel Cell Electric Buses in California (Last Updated: 5/17/2018)								
#	Transit Agencies	Total Buses <sup>(a)</sup>	Headquarters	Operating		On Order, Awarded or Planned		100% Zero Emission Target Year
				FCEB	BEB	FCEB	BEB	
1	Alameda-Contra Costa Transit District (AC Transit)	813	Oakland	13	0	11	50	
2	Anaheim Resort Transportation	82	Anaheim	0	4	0	44	2019/2020
3	Antelope Valley Transit Authority (AVTA)	77	Lancaster	0	14	0	75	2018
4	Central Contra Costa Transit Authority (CCTA)	199	Concord	0	4	0	4	
5	City of Modesto Transit Division	76	Modesto	0	0	0	4	
6	City of Shafter	4	Shafter	0	0	0	4 <sup>(c)</sup>	
7	Eastern Contra Costa Transit Authority (Tri Delta Transit)	86	Antioch	0	0	0	2	
8	Fairfield and Suisun Transit (FAST)	61	Fairfield	0	0	0	12	
9	Foothill Transit	373	West Covina	0	30	0	20	2030
10	Fresno Area Express	142	Fresno	0	0	0	6	
11	Fresno County Rural Transit Agency (FCRTA)	80	Fresno	0	6 <sup>(c)</sup>	0	7	
12	Golden Empire Transit District (GETbus)	107	Bakersfield	0	0	0	3	
13	Gtrans	65	Gardena	0	6	0	0	
14	Humboldt Transit Authority <sup>(d)</sup>	24	Eureka	0	1	0	0	
15	Long Beach Transit	224	Long Beach	0	10	0	10	
16	Los Angeles County Metropolitan Transportation Authority (LA Metro)	2452	Los Angeles	0	0	0	105	2030
17	Los Angeles Department of Transportation (LADOT)	357	Los Angeles	0	4	0	114	2030
18	Marin County Transit	116	San Rafael	0	0	0	2	
19	Monterey-Salinas Transit (MST)	149	Monterey	0	1	0	2	
20	Napa Vine Transit Authority (NVTA)	65	Napa	0	0	0	5	
21	North County Transit District (NCTD)	204	Oceanside	0	0	0	5	
22	Norwalk Transit System	41	Norwalk	0	0	0	2	
23	Orange County Transportation Authority (OCTA)	879	Orange County	1	0	10	0	
24	Porterville Transit	20	Porterville	0	0	0	12	2025
25	Sacramento Regional Transit District (SacRT) <sup>(e)</sup>	224	Sacramento	0	0	0	24	
26	San Diego Metropolitan Transit System (MTS)	795	San Diego	0	0	0	17	
27	San Francisco Municipal Transportation Agency (SFMTA)	620 <sup>(f)</sup>	San Francisco	0	0	0	0	2035
28	San Joaquin Regional Transit District (RTD)	111	Stockton	0	12	0	5	2025
29	San Mateo County Transit District (SamTrans)	369	San Carlos	0	0	0	47	2033
30	Santa Barbara Metropolitan Transit District (MTD)	112	Santa Barbara	0	14	0	4	
31	Santa Clara Valley Transportation Authority (VTA)	485	San Jose	0	5	0	5	2033
32	Santa Cruz Metropolitan Transit Districts (Metro)	98	Santa Cruz	0	0	0	4	2040 <sup>(b)</sup>
33	Santa Monica Big Blue Bus (BBB)	200	Santa Monica	0	0	0	11	2030
34	Santa Rosa CityBus	32	Santa Rosa	0	0	0	2	
35	Redding Area Bus Authority (RABA)	34	Redding	0	0	0	7	
36	Solano County Transit (SolTrans)	53	Vallejo	0	2	0	8	
37	Sonoma County Transit	48	Santa Rosa	0	0	0	1	
38	SunLine Transit	112	Thousand Palms	8	3	8	4	
39	Visalia Transit	58	Visalia	0	0	0	3	
	<b>Total</b>	<b>9427</b>		<b>22</b>	<b>110</b>	<b>29</b>	<b>626</b>	

BEB=Battery Electric Bus; FCEB=Fuel Cell Electric Bus

(a) Includes only vehicles reported in NTD 2016 as vehicle types bus, articulated bus, over-the-road bus, and double decker and mode types CB,MB,DR, and RB

(b) Total bus numbers exclude paratransit vehicles 2040 target not a directive from Board. Achieving the target is subject to range, technology improvement, & funding

(c) Zero-emission shuttle vans

(d) Joint application with Arcata & Mad River Transit System

(e) Joint application with Yolo County Transportation District (YCTD)

(f) SFMTA 327 electric trolley buses are not included in 2016 NTD total bus number