

2025 Sustainability Presentation

Fleet Electrification and Electric Vehicle Charging

May 14, 2025

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Agenda:

- ▶ BOG Framework overview with focus on the 2026 and 2030 EV requirements.
- ▶ Fleet Electrification Progress and Status.
- ▶ Electric Vehicle(EV) Charging Stations.

Los Rios Sustainability Electric Vehicle (EV) and EV Charging Plan

Est. by California Community College 2020 Board of Governors

Category	Subcategory	2025 Benchmark	2030 Institutionalize	2035 Improve and Reassess
Operations	Greenhouse Gas Emissions Reduction	<ul style="list-style-type: none"> • Conduct emissions inventory baseline and create a climate action plan. 	<ul style="list-style-type: none"> • Reduce greenhouse gas emission to 75% below baseline. 	<ul style="list-style-type: none"> • Reduce greenhouse gas emission to 100% below baseline.
Operations	Transportation	<ul style="list-style-type: none"> • Conduct accounting and conditions assessment of fleet vehicles. • Assess remainder rolling stock for potential electrification. • Develop Electric Vehicle (EV) charging infrastructure to encourage faculty, staff and students to use EVs. • Promote accessible shared transport methods. • Make pedestrian and bicycle access improvements. 	<ul style="list-style-type: none"> • 50% of new fleet vehicles are zero emission vehicles. • 50% of rolling stock are zero emissions. • Consider implementing green parking permits. 	<ul style="list-style-type: none"> • 100% of new fleet vehicles are zero emission vehicles. • 100% of rolling stock are zero emissions.

Facilities Management Fleet Vehicles

Percentage of vehicles that must be ZEVs (per CCCC Climate Action Plan)	10%	25%	50%	75%	100%
Milestone Group 1: Box trucks, vans, buses with two axles, yard tractors, light-duty package delivery vehicles	2025	2028	2031	2033	2035 and beyond
Milestone Group 2: Work trucks, day cab tractors, pickup trucks, buses with three axles	2027	2030	2033	2036	2039 and beyond
Milestone Group 3: Sleeper cab tractors and specialty vehicles	2030	2033	2036	2039	2042 and beyond

Facilities Management Fleet Vehicles

Location	Total Vehicles	ICE-V	Hybrid	ZEV	Percent ZEV
ARC	30	25	3	2	7%
CRC	18	15	2	1	6%
FLC	13	13	0	0	0%
SCC	13	13	0	0	0%
LRPD	34	30	4	0	0%
FM	70	54	2	14	20%
TOTAL	178	150	11	17	10%
			CCCCO/CARB 2026 Goal		10%
FM Grounds Equip. (John Deere Gators)	28	22	0	6	21%
			(Currently, not part of CCCCCO/CARB Goals)		

Electric Vehicle Charging Stations

Plan Overview:

- ▶ Since 2018, all new construction projects have required the installation of EV charging stations.
- ▶ 109 EV charging stations district-wide either installed or under construction.
- ▶ Replace 45 existing EV chargers with networked units.
- ▶ Add additional EV chargers district-wide in addition to new construction requirement.

Electric Vehicle Charging Stations

Location	Current	Under Construction
ARC	15	6
Natomas	8	8
CRC	14	0
Elk Grove	8	0
FLC	8	8
El Dorado	0	0
Rancho Cordova	9	0
SCC	13	0
West Sac	0	0
Davis	0	0
DO-FM	0	12
Subtotal	75	34
TOTAL		109

Point of Sale EV Stations

- ▶ Based on our electrical rates, maintenance cost & Point of Sale (PoS) fees
- ▶ Fixed fees for first 4 hours of charging
- ▶ Increasing rate for time over 4 hours
 - ▶ Incentivize sharing EV stations
- ▶ Mobile Phone App

Grant Programs

- ▶ Giddy Up EV Level-3 charging stations
- ▶ Community in Charge Level-2 EV charging stations
- ▶ Sac Metro Air District
- ▶ GS\$Mart

Questions?