

City of Fresno
Code Enforcement
Electric Vehicles

Considerations

- Initial cost
- Incentives
- Fuel cost
- Maintenance/repair cost
- Infrastructure
- Range
- Air quality

Criteria

- 100 – 150 miles per day
- Seat at least two
- Reliable
- Safety
- Available
- Serviceable
- Value / Intangibles
- Incentives
- Fuel cost: 100 mi per day / mpg
x \$3/gal x 200 days per year

Available Incentives

- California Air Resources Board
 - Rebate of \$4,500 per battery or range-extended electric vehicle up to 30 vehicles per year
 - Must be an approved vehicle (all listed electric vehicles are approved except Prius Eco)
 - Must submit vehicle usage reports for at least 30 months

Available Incentives

- San Joaquin Valley Air Pollution Control District
 - Grant of \$20,000 per vehicle up to \$100,000
 - Must have resolution from Council to apply, and apply for grant in advance of purchasing vehicles
 - Must commit to three-year contract on vehicles and submit annual reports

Available Incentives

- San Joaquin Valley Air Pollution Control District
 - Charge Up! Program for vehicle chargers
 - Grant of between \$5,000 to \$25,000 per charger, depending on the type of charger
 - Limit of \$50,000 annually
 - Must apply for grant prior to purchase or installation of charger

Electric Vehicles

Cost after incentives: \$7,100 to \$14,590 first year
Less \$4,500 per year thereafter

- Chevy Bolt \$37,495 259 mi range
- Hyundai Kona \$37,190 258 mi range
- Kia Niro \$39,090 239 mi range
- Nissan Leaf \$31,600 149 mi range
- Tesla Model 3 \$37,990 250 mi range

Current Fleet

	Year	Model	Miles		Year	Model	Miles
1	2000	Ford Ranger	65,955	28	2018	Ford F-150	5,679
2	2000	Ford F-150	125,011	29	2018	Ford F-150	8,687
3	2000	Ford F-150	97,525	30	2018	Ford F-150	
4	2000	Chevy 1/2 ton	117,012	31	2018	Ford F-150	17,748
5	2002	Chevy 1/2 ton	98,069	32	2018	Ford F-150	2,597
6	2003	Chevy 1/2 ton	90,420	33	2018	Ford F-150	8,981
7	2003	Chevy 1/2 ton		34	2018	Ford F-150	2,319
8	2004	Chevy 1/2 ton	147,506	35	2018	Ford F-150	1,258
9	2004	Chevy 1/2 ton	93,707	36	2018	Ford F-150	
10	2004	Chevy 1/2 ton		37	2018	Ford F-150	1,147
11	2004	Chevy 1/2 ton	76,241	38	2018	Ford F-150	10,031
12	2004	Chevy 1/2 ton	81,206	39	2018	Ford F-150	7,622
13	2004	Chevy 1/2 ton	100,228	40	2018	Ford F-150	8,252
14	2004	Chevy 1/2 ton	99,786	41	2018	Ford F-150	7,505
15	2004	Chevy 1/2 ton	60,888	42	2018	Ford F-150	8,483
17	2004	Chevy 1/2 ton	124,548	44	2018	Ford F-150	5,078
18	2006	Chevy 1/2 ton	118,721	45	2018	Ford F-150	
19	2006	Chevy 1/2 ton	54,403	46	2018	Ford F-150	
20	2007	Ford F-350		47	2018	Ford F-150	3,203
21	2016	Isuzu Stake Bed Truck	52,531	48	2018	Ford F-150	10,572
22	2017	Toyota Corolla	9,559	49	2018	Ford F-150	6,359
23	2018	Ford F-150	10,218	50	2018	Ford F-150	2,711
24	2018	Ford F-150	13,436	51	2018	Ford F-150	6,252
25	2018	Ford F-150	17,364	52	2018	Ford F-150	7,372
26	2018	Ford F-150	6,795	53	2020	Ford F350 dual	2,031
27	2018	Ford F-150	10,557	54	2020	Ford F350 tool truck	2,235

Ford F 150
\$28,190
V6 MPG 18/24
Fuel \$3,300 / year



Ford Ranger
\$25,350
V6 MPG 21/26
Fuel \$2,857 / year



Prius L Eco
\$24,325
Hybrid 58/53 mpg
Fuel \$1,034 / year



Other Considerations

- Solar panels
- Charging stations
- Secure area
- Local service centers
- Fleet deals could lower prices
- Bid and return for approval