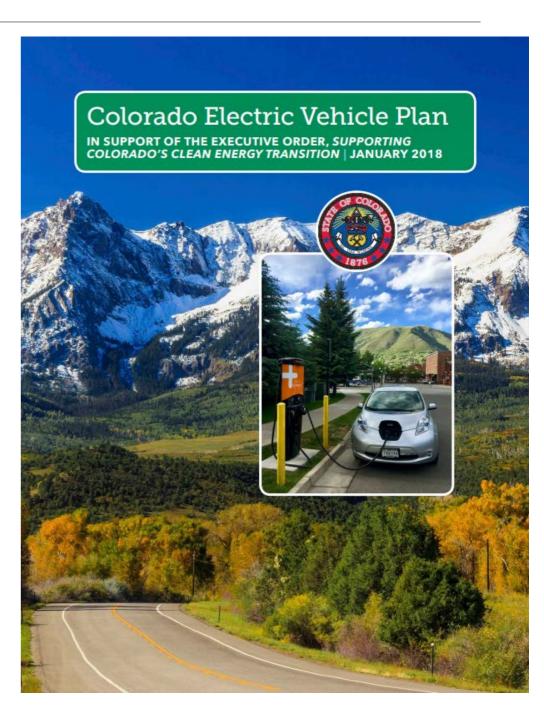




Colorado Electric Vehicle Plan Station Needs

COLORADO EV STOCK GROWTH TO 2030 BY SCENARIO 1,000,000 900,000 High Scenario 800,000 Medium Scenario 500,000 400,000 200,000 100,000 0 400,000 0 400,000 100,000

- Medium Scenario: 204 stations (817 fast-charging ports)
- High Scenario: 632 stations (2,530 fast-charging ports)





Future Needs in Denver in 2025: 1,133 workplace; 1,287 Public L2; 176 DCFC

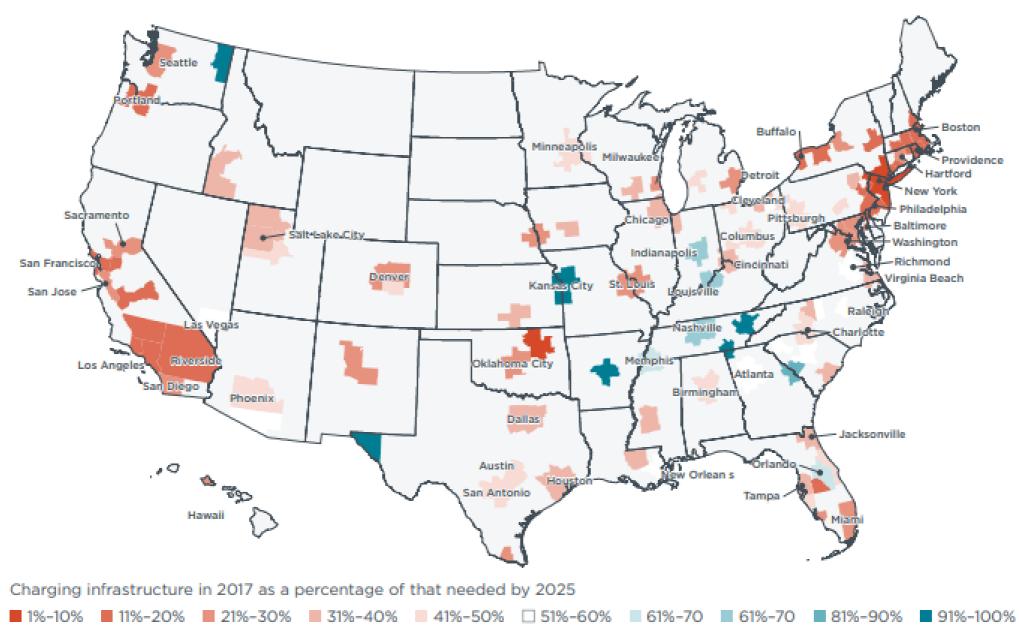
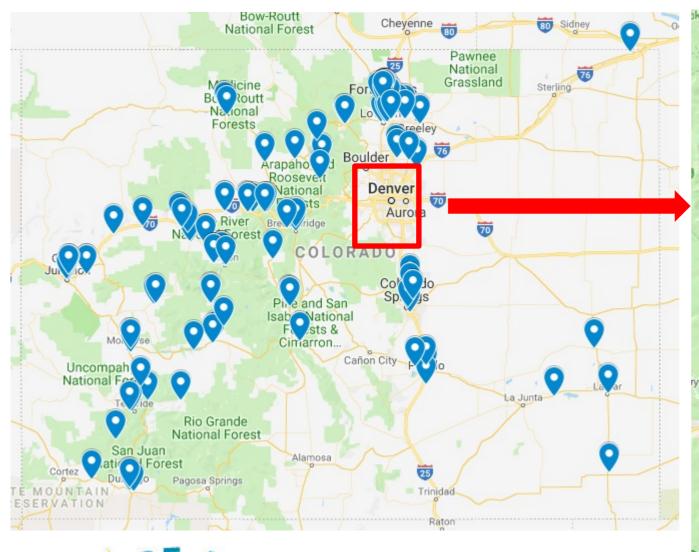


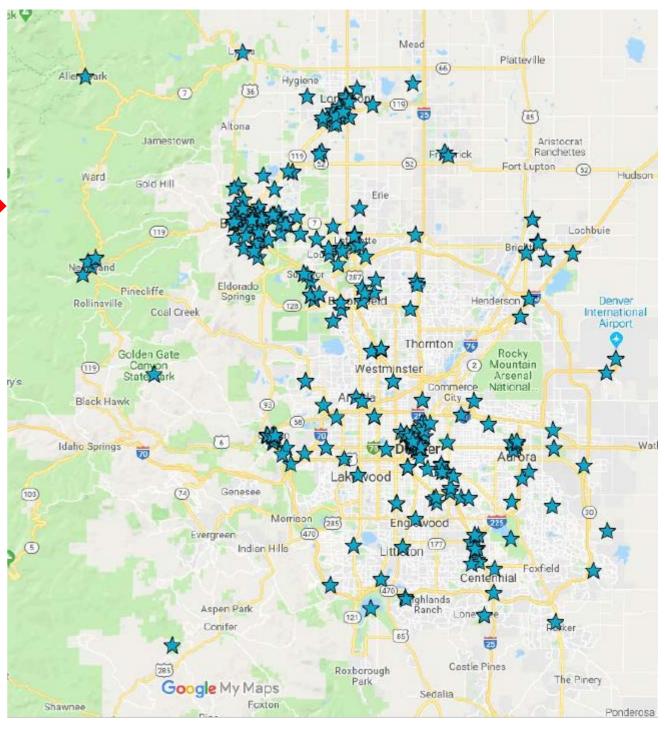
Figure ES-1. Public and workplace charging infrastructure in place in 2017 as a percentage of infrastructure needed by 2025 by metropolitan area

From the ICCT 2019 White Paper "QUANTIFYING THE ELECTRIC VEHICLE CHARGING INFRASTRUCTURE GAP ACROSS U.S. MARKETS

Charge Ahead Colorado







Charge Ahead Colorado

- Eligible applicants include local governments, school districts, State agencies, and non-profits.
- Apartment/condo complexes and private businesses are also eligible.

Charge Ahead Colorado

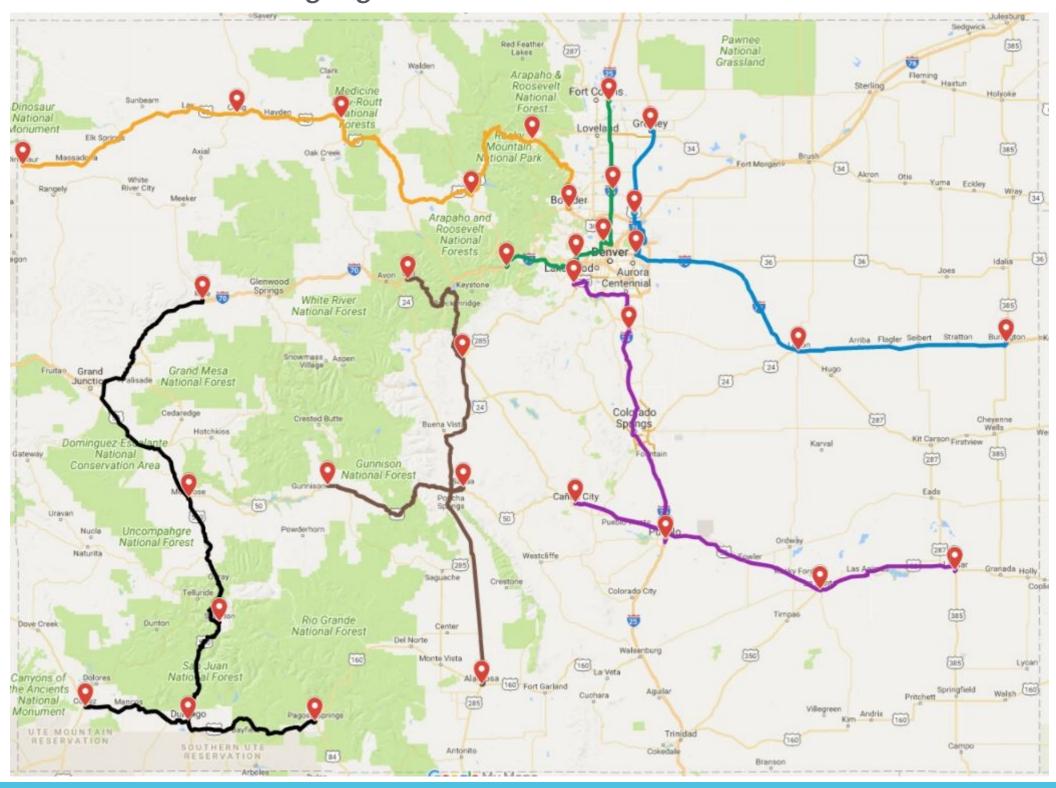
Funding Source
Geographic Area
Eligible Equipment
Funding Level
80% up to:

RAQC		CEO		
	hway Administrationagen settlement	on - CMAQ	EV Fund and Volkswag	gen settlement
7 County Denver Metro Area		Outside the 7 County	Denver Metro Area	
Level 2, DC fast-chargers, Electric Vehicles		Level 2 and DC fast-chargers		
Level 2	DC Fast- Chargers	EV	Level 2	DC Fast-Chargers
\$9,000	\$30,000	\$8,260	\$9,000	\$30,000



Electrifying Our Corridors

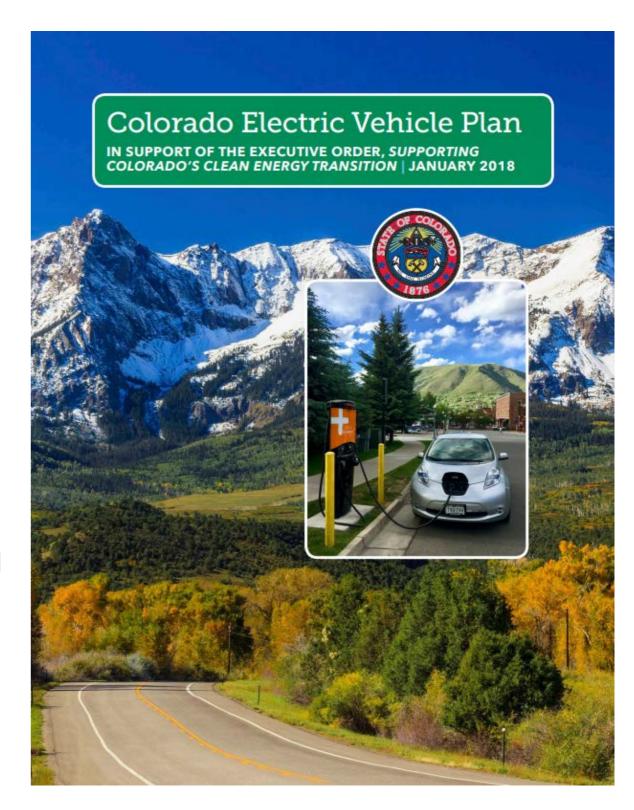
Locations for fast-charging infrastructure



EV Plan: Building Codes

Goal #4: Develop strategies and partnerships that prepare property owners for future investments in EV charging infrastructure and electrify challenging facility types.

- Strategy 1: Increase the local adoption of building, parking, and zoning codes that accommodate and support EV charging.
- CEO will integrate EV-readiness building code amendments for commercial and residential buildings into its energy code training and technical assistance for interested local jurisdictions.



City of Denver Building Code Updates

- Colorado Energy Office and Regional Air Quality Council have signed on as Co-Proposers for:
 - ➤ R404 Requires residential buildings to include infrastructure necessary to add a minimum portion of EV charging to on-site parking.
 - C405 Requires that buildings include infrastructure necessary to add a minimum portion of EV charging to onsite parking.



Denver EV Code Proposals

Table R404.2.2.

	Number of <i>EV Ready</i> Spaces	Number of EV Capable Spaces	Number of EVSE Installed Spaces
1 space	1	None	None
2 to 9 spaces	2	Remainder of spaces	None
10 or more spaces	15% of spaces	Remainder of spaces	5% of spaces

Table C405.10.2.

	Number of <i>EV Ready</i> Spaces	Number of EV Capable Spaces	Number of EVSE Installed Spaces
1 space	1	None	None
2 to 9 spaces	2	Remainder of spaces	None
10 or more spaces	10% of spaces	10% of spaces	5% of spaces

2021 IECC Commercial Code Proposal

TABLE C405.10.1. EV READY SPACE AND EV CAPABLE SPACE REQUIREMENTS

Total Number of Parking Spaces	Minimum number of EV Ready Spaces	Minimum number of EV Capable Spaces
1	1	2
2-10	2	=
<u>11 – 15</u>	2	3
16 – 19	2	4
<u>21 - 25</u>	2	5
26+	2	20% of total parking spaces



Questions?





