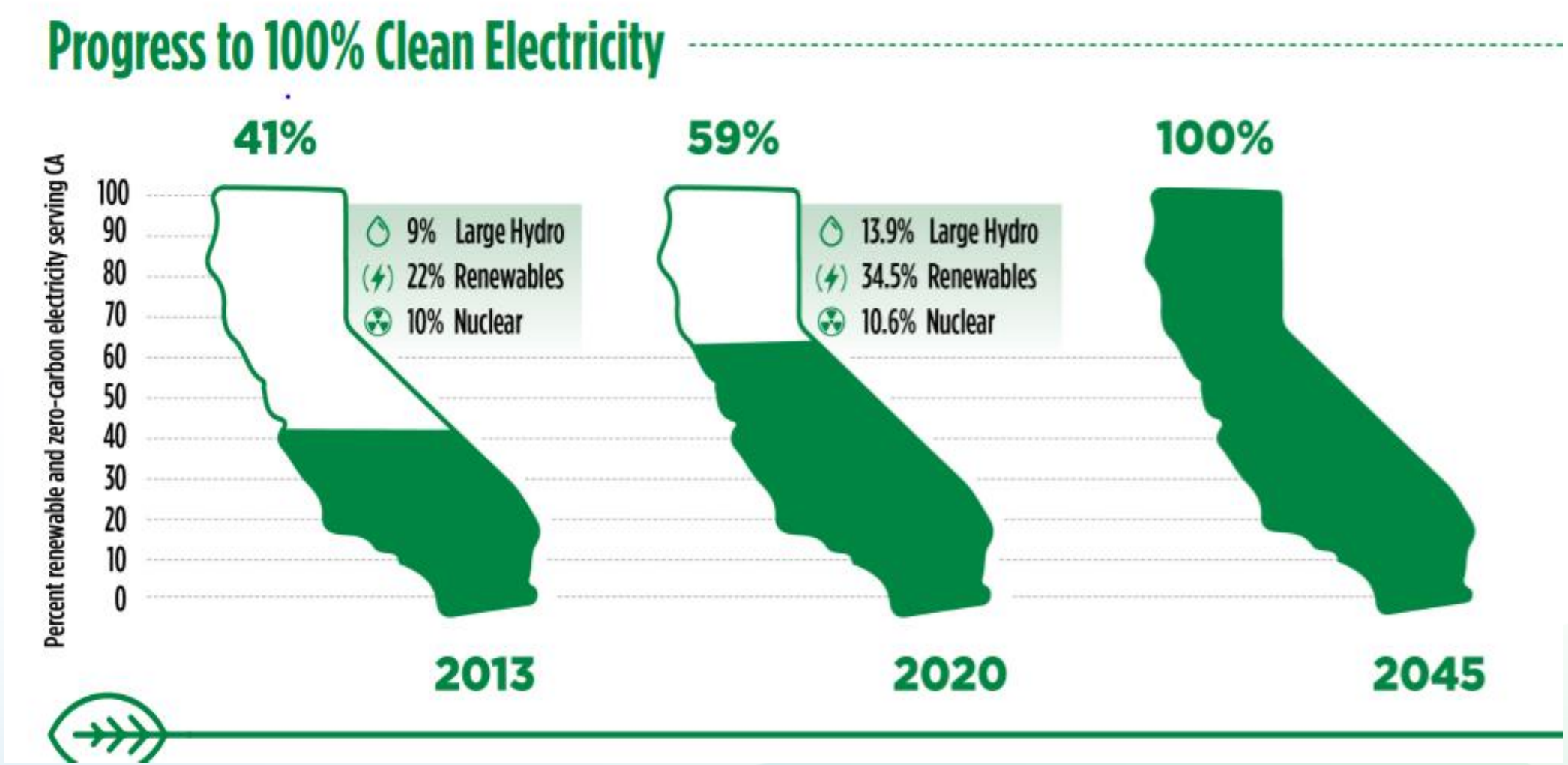


California: Leading the Future of Transportation

Patty Monahan, Commissioner, California Energy Commission

May 10, 2022


Progress to 100% Clean Electricity
41%
59%
100%
Percent renewable and zero-carbon electricity serving CA
100
90
80
70
60
50
40
30
20
10
0
9% Large Hydro
22% Renewables
10% Nuclear
13.9% Large Hydro
34.5% Renewables
10.6% Nuclear
2013
2020
2045

California's Electric Vehicle Goals

2025

1.5 MILLION
EVS SOLD

250,000
CHARGERS INSTALLED

200 PUBLIC
HYDROGEN STATIONS

2030

5 MILLION
EVS SOLD

2035

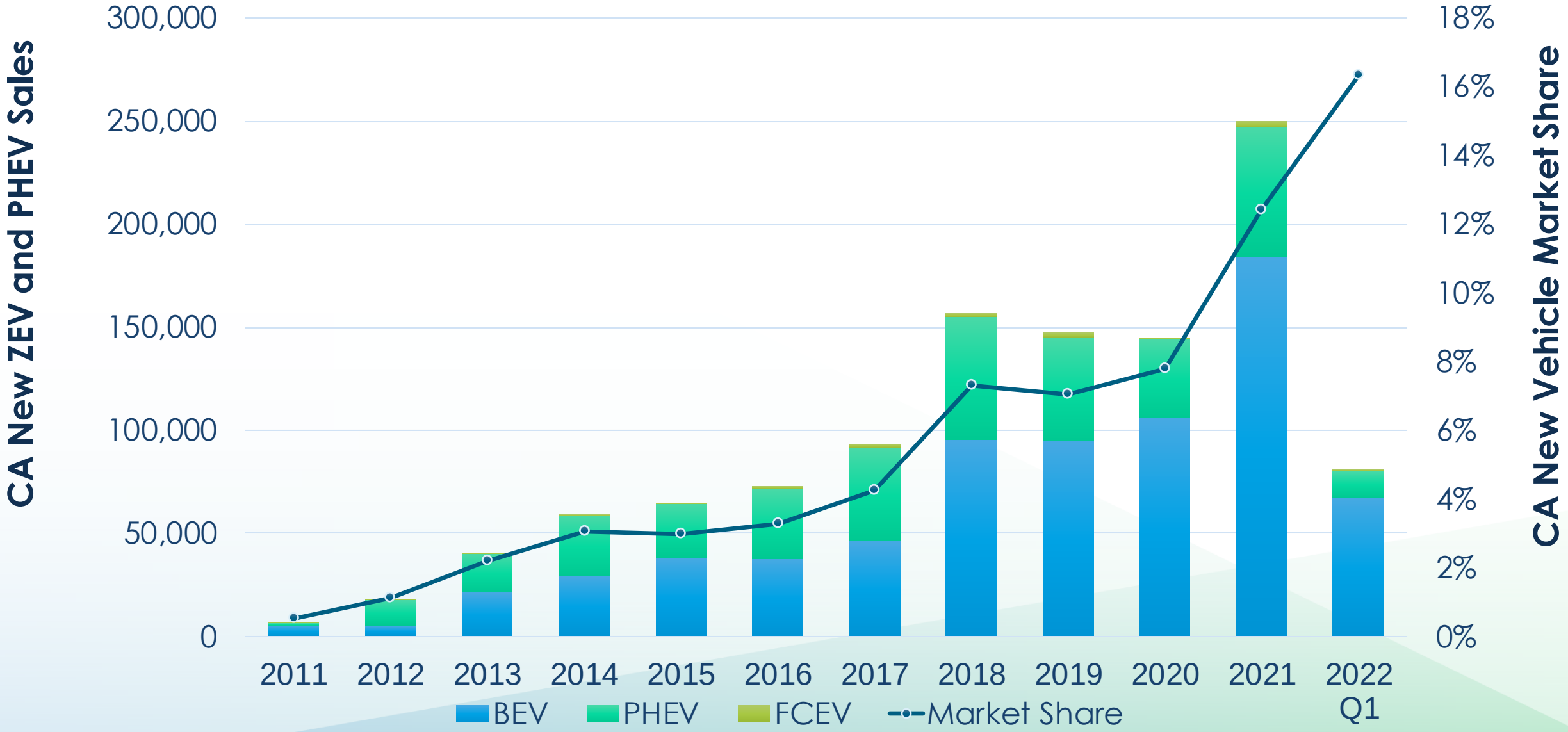
100%
ELECTRIC SALES FOR NEW PASSENGER VEHICLES

100%
ELECTRIC OPERATIONS FOR DRAYAGE TRUCKS AND OFF-ROAD VEHICLES & EQUIPMENT

2045

100%
ELECTRIC OPERATIONS FOR MEDIUM- AND HEAVY-DUTY VEHICLES

ZEVs Gaining Momentum and Market Share



Governor's 2022-23 Budget

New CEC Funding: ZEV Infrastructure

$600 Million
ZEV Infrastructure Grants

$300 Million
Equitable At-Home Charging

$250 Million
Drayage

$140 Million
Transit Buses & Infrastructure

$500 Million
Clean Trucks, Buses and Off-Road Equipment

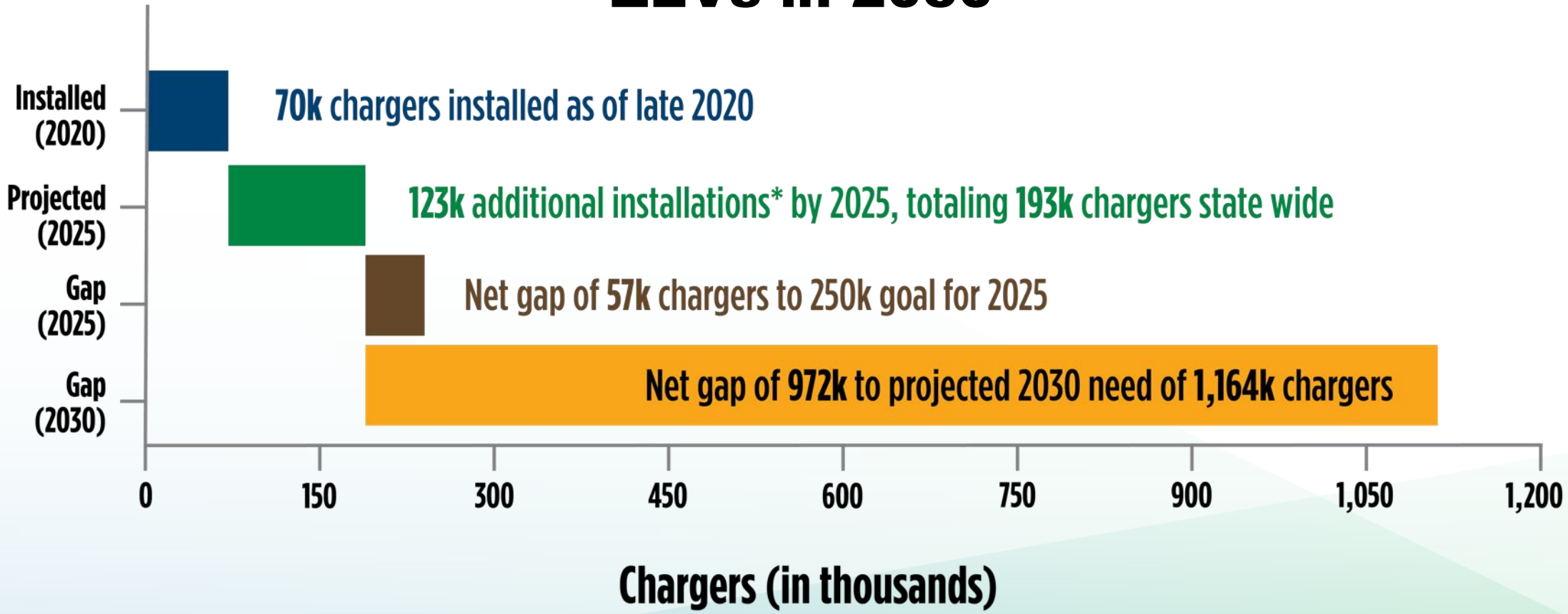
$150 Million
Ports

$100 Million
Emerging Opportunities

$2 BILLION TOTAL

Massive Scaleup Needed to Reach 2030 Goals

1.2M Chargers Needed for 8M Light Duty ZEVs in 2030




EnergIIZE
COMMERCIAL VEHICLES
Incentives for Zero-Emission Commercial Vehicle Infrastructure
7504
ZERO EMISSION
Solutions that move you
Valley Transportation Authority

Investing in School Buses with Vehicle-to-Grid Capability



Vehicle-to-Everything MOU
April 2022





Need to Grow Green Hydrogen Supply

Electric grid support



Hard to electrify industrial applications



Hard to electrify transportation



Thank You!

