



CHEAPR BOARD MEETING

Bureau of Air Management
December 12, 2024

AGENDA



- 3:00 PM Welcome, Commissioner Dykes
- 3:15 PM Approval of June 6, 2024 & Sept. 12, 2024, CHEAPR Board Meeting Minutes
Budget Update
Program Updates:
 - Status of Incentive Changes, Engagement and Transition
 - Program Metrics
 - eBike Round 2
 - Energy Efficiency Community Block Grant
- 4:00 PM Board Discussion
- 4:15 PM Public Comments
Adjourn

ROLL CALL / PREVIOUS MINUTES

Quorum

Approval of the June 6, 2024, Minutes

Approval of the September 12, 2024, Minutes

Current Board Members	
Current Appointing Authority	Board Member
DEEP Commissioner or designee	DEEP Commissioner Designee Emma Cimino
DCP Commissioner or designee	DCP Commissioner Bryan Cafferelli
Green Bank President or designee	Kevin Moss
PURA chairperson or designee	Julia Dumaine
Senate Pro Tempore: Sen. Looney	Paul Wessel
 Senate Majority Leader: Sen. Duff	Eric Sandstrom
House Minority Leader: Rep. Candelora	Jody Ellant
Senate Minority Leader: Sen. Kelly	Hoffman Automotive Bradley Hoffman
House Chair of TRA	Kate Rozen

* These Authorities have not made an appointment: House Speaker Ritter, House Majority Leader Rep. Rojas, Sen. Chairperson of Transportation, Sen Ranking Member of Transportation, House Ranking Member of Transportation

CHEAPR OPERATING BUDGET

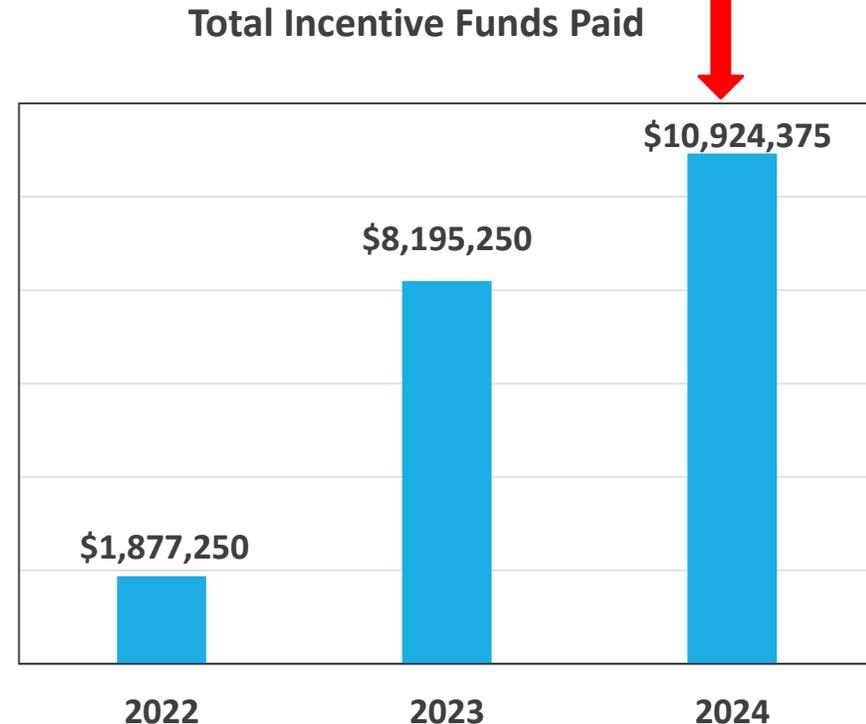


Budget Summary January 1, 2024, through October 10, 2024

	Rebate Funds
Incentive Payments Year-to-Date	\$10,924,375
Incentive Pipeline of Active Applications	\$1,541,325
Total Funds Utilized	\$12,465,700
Remaining 2024 Funding*	\$952,321

*CSE on-hand available funding

Number of Rebates			
Incentive	2022	2023	1/1 – 10/10/2024
Standard	1,155	3,660	4,533
Rebate+	20	253	453
Total	1,175	3,878	4,986

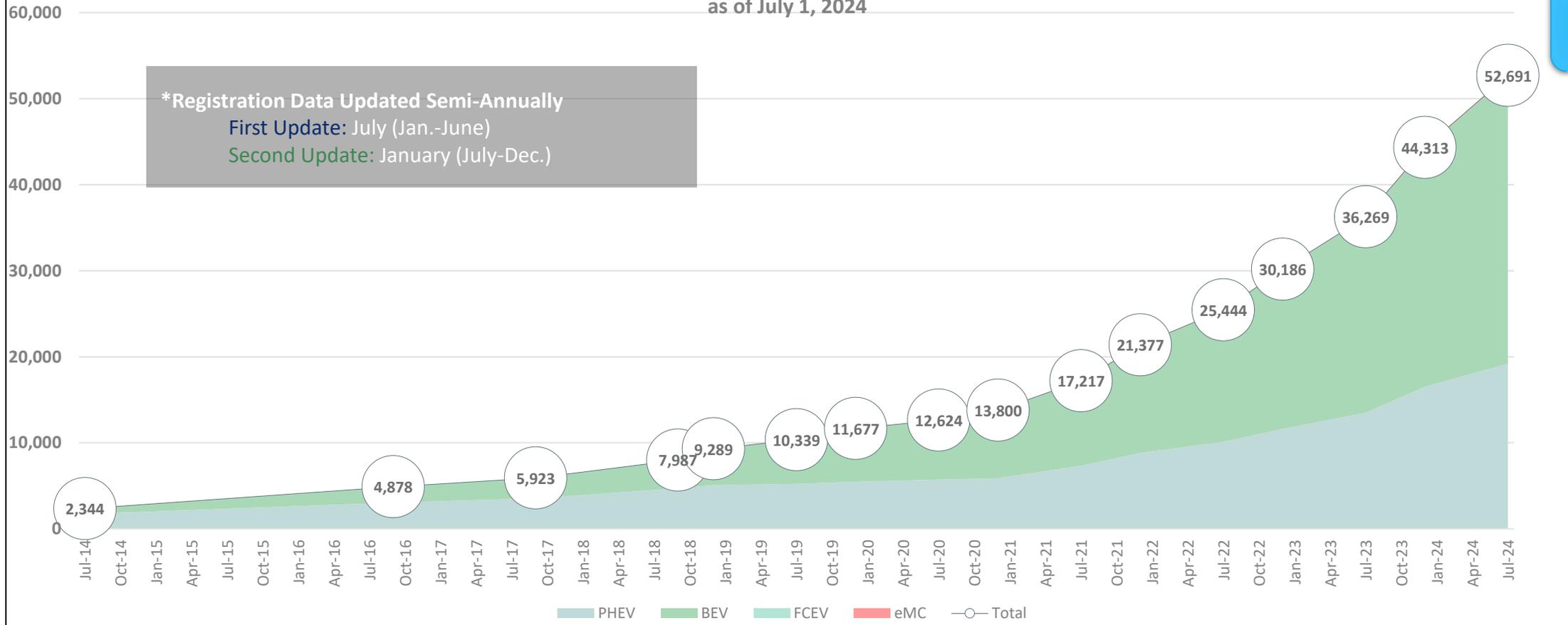


CT EV REGISTRATIONS*

Total Active EV Registrations in Connecticut

as of July 1, 2024

52,691



EVs Registered in CT on:

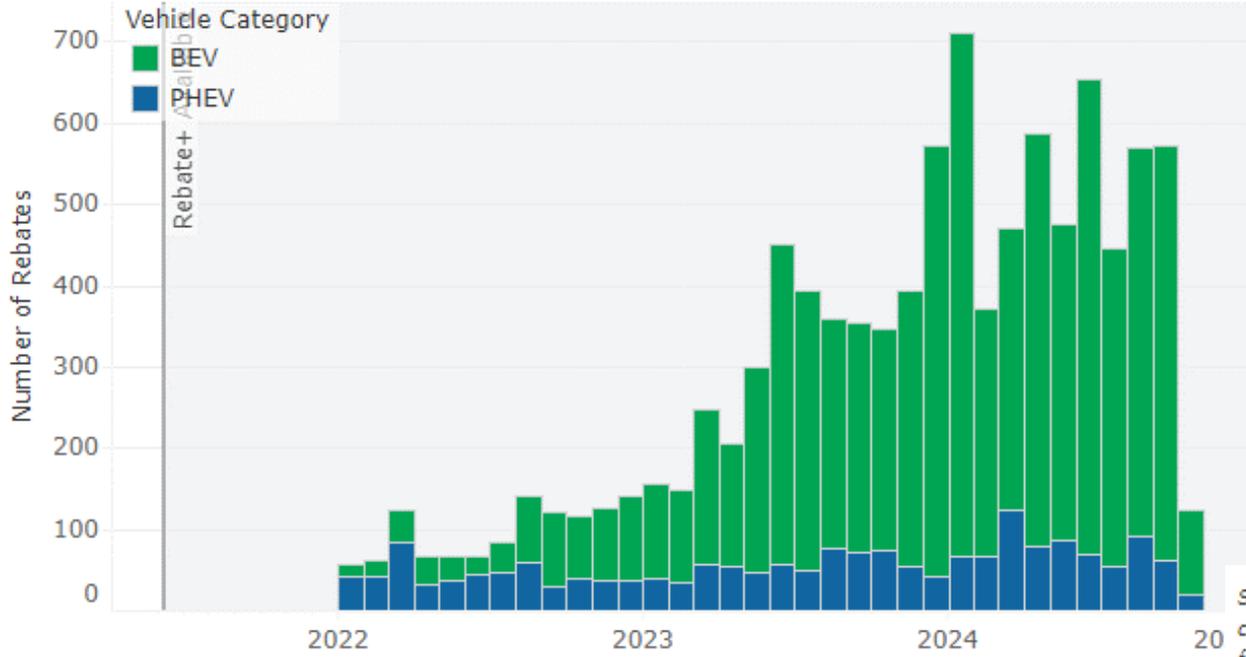
EV Type	7/1/2014	9/14/2016	9/1/2017	9/24/2018	12/31/2018	7/1/2019	12/31/2019	7/1/2020	12/31/2020	7/1/2021	12/31/2021	7/1/2022	12/31/2022	7/1/2023	12/31/2023	7/1/2024
PHEV	1,723	3,066	3,549	4,705	5,063	5,220	5,480	5,722	5,893	7,321	8,827	10,126	11,615	13,510	16,517	19,211
BEV	621	1,811	2,371	3,280	4,208	5,099	6,172	6,874	7,880	9,861	12,513	15,268	18,509	22,695	27,709	33,386
FCEV	0	1	3	2	2	2	3	3	3	3	3	6	5	3	3	3
eMC	ND	ND	ND	ND	16	18	22	25	24	32	34	44	57	61	84	91
Grand Total	2,344	4,878	5,923	7,987	9,289	10,339	11,677	12,624	13,800	17,217	21,377	25,444	30,186	36,269	44,313	52,691

CHEAPR STATS REBATE HIGHLIGHT: UPTAKE



Available on CHEAPR Stats Page

Rebates over Time: 2022 - 2024



Data last updated: 11/5/2024 (most recent months partial)

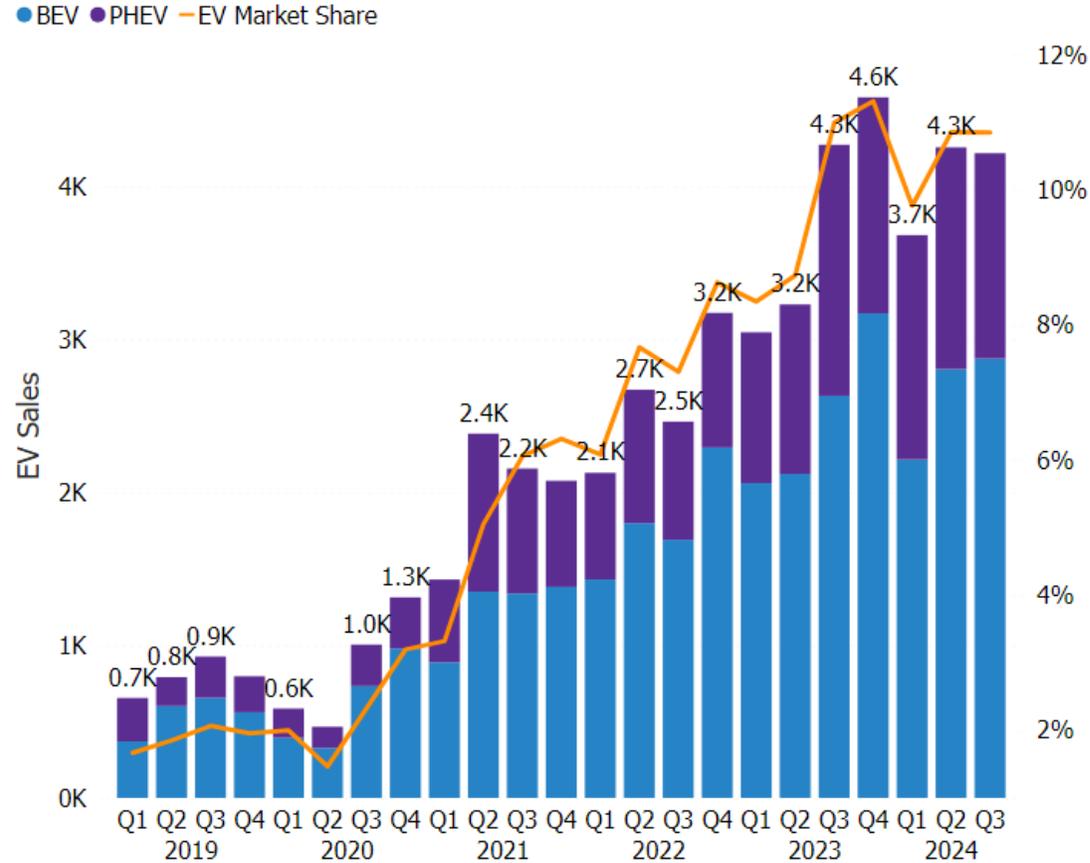
- BEVs account for 85.5% of rebates for 2024 as of the end of October
- Rebate+ accounts for 9% of all rebates in 2024
 - Used EVs are only 16.5% of Rebate+ redemptions and 1.5% of all total rebates this year

2024 YTD Program Summary

	Total Amount		Rebates		Percent			
	New	Used	New	Used	New	Used		
PHEV	\$595,000	\$5,625	719	5	14.6%	6.7%	New EVs	4,911
BEV	\$10,113,750	\$210,000	4,192	70	85.4%	93.3%	Used EVs	75
Total	\$10,708,750	\$215,625	4,911	75	100.0%	100.0%	Standard Rebate	4,533
							Rebate+ New	378
							Rebate+ Used	75

EV DATA - CONNECTICUT

EV Sales and EV Market Share by Year, Quarter and Technology



CT EV Vehicle Summary for 2024 Q3 – Top 5

Image	Vehicle Name	Technology	Vehicle Subtype	Estimated Price	Fuel Economy (MPGe)	Registrations
	TESLA MODEL Y	BEV	SUV/MPV	\$54,657	116.0	779
	TESLA MODEL 3	BEV	Car	\$48,073	130.0	477
	JEEP WRANGLER	PHEV	SUV/MPV	\$50,112	28.0	243
	HONDA PROLOGUE	BEV	SUV/MPV	\$53,333	95.3	134
	KIA SPORTAGE PLUG-IN HYBRID	PHEV	SUV/MPV	\$23,057	55.0	127

Source: Atlas Public Policy EV Hub Market Dashboard

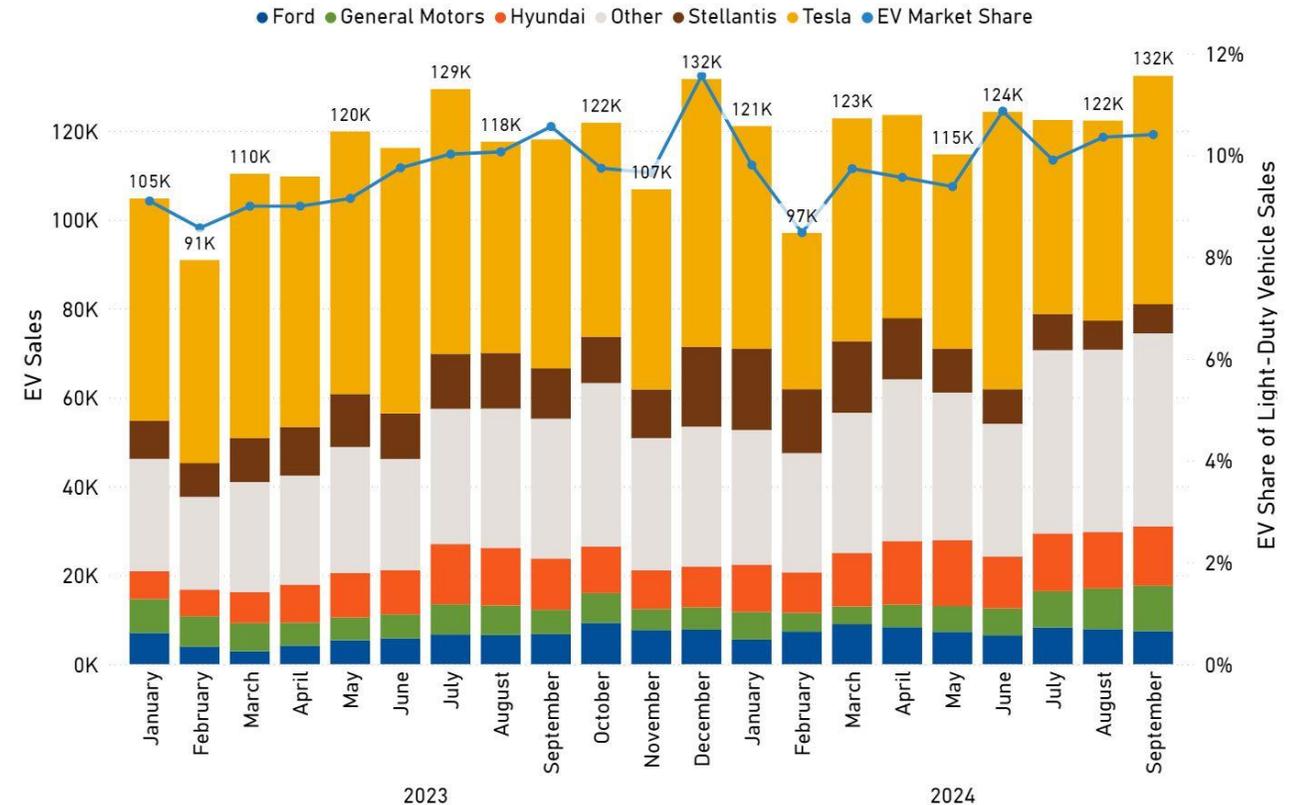
EV NEWS HIGHLIGHT – NATIONAL SALES DATA



- Light-duty EV market share reached 10.4% in September 2024
- Nearly 132k new light-duty EV sales, up 12% from September 2023 (118,085 sales)
- General Motors reported strongest month with 10k sales, up 87% from September 2023 sales (5,469)
- Tesla sales climbed to 51k (39% market share) in September, following a dip in July and August
- BEVs account for 80% of all light-duty EV sales in September, a new record for BEV share
- More than a million light-duty EVs purchased so far this year through the end of September 2024

EV Market Share Climbs to 10.4% in September 2024

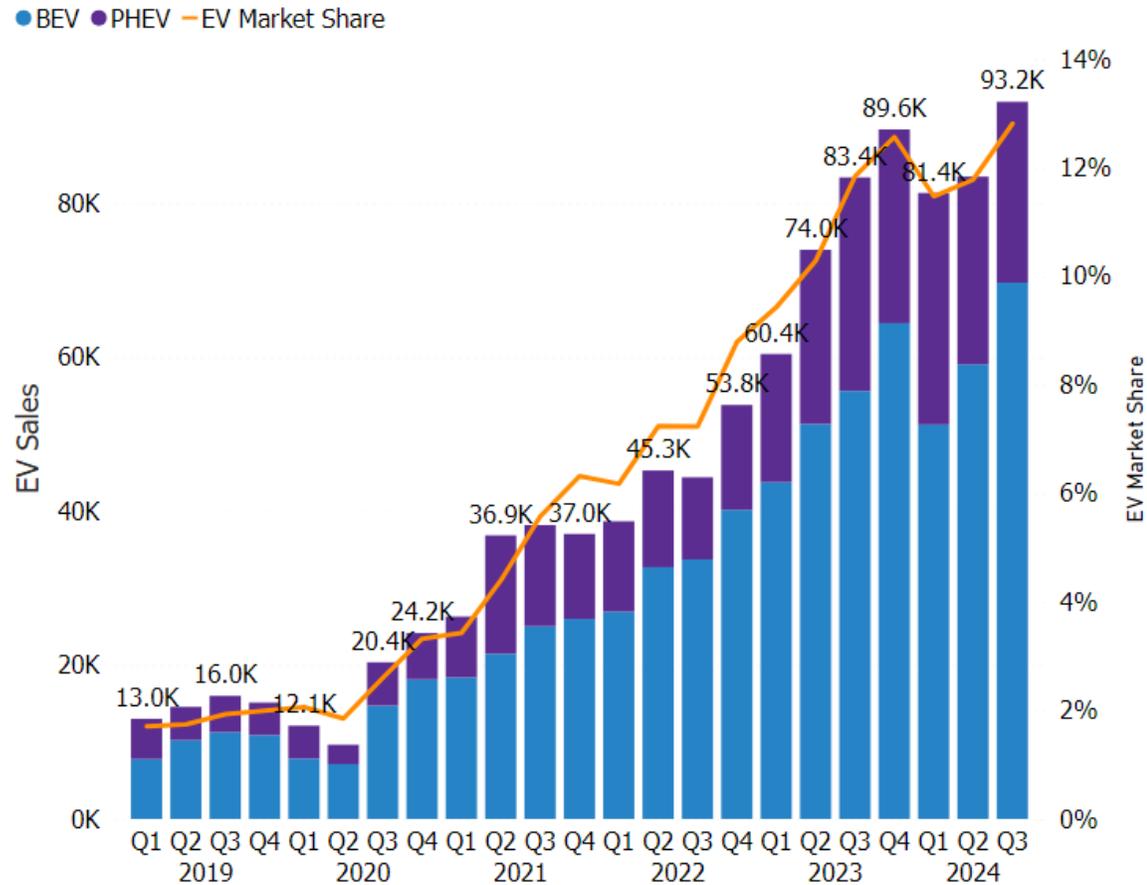
U.S. New Light-Duty BEV and PHEV Sales and Share of Light-Duty Sales



Source: [Atlas Public Policy EV Hub LinkedIn](#)

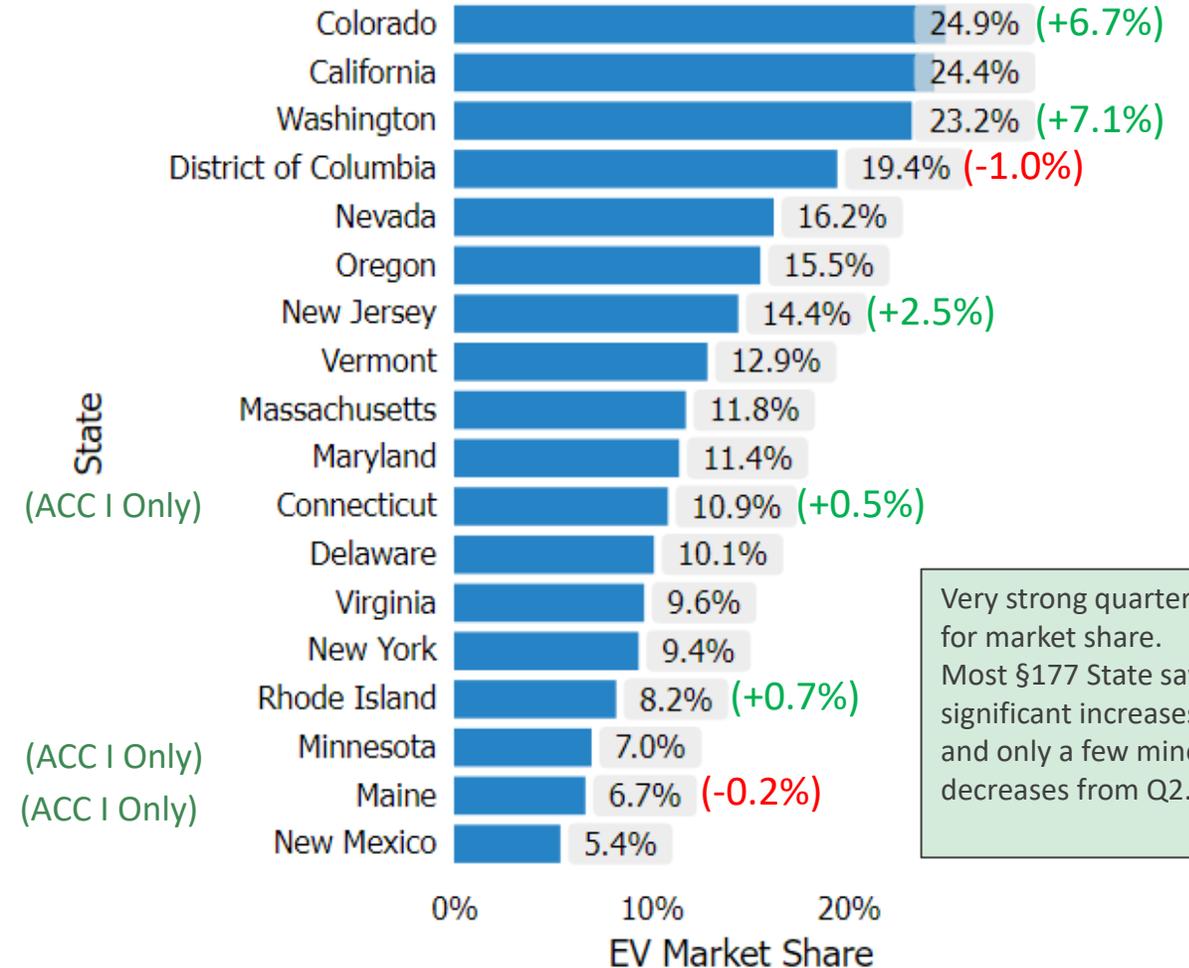
EV DATA – §177 STATES

EV Sales and EV Market Share by Year, Quarter and Technology



Selected Section 177 States Include: CT, CO, MA, MD, ME, NJ, NY, OR, RI, VT
 Source: Atlas Public Policy EV Hub Market Dashboard

EV Market Share by State (Q3 - 2024)



Very strong quarter for market share. Most §177 State saw significant increases and only a few minor decreases from Q2.

PROJECTED BEV MODEL INCREASES

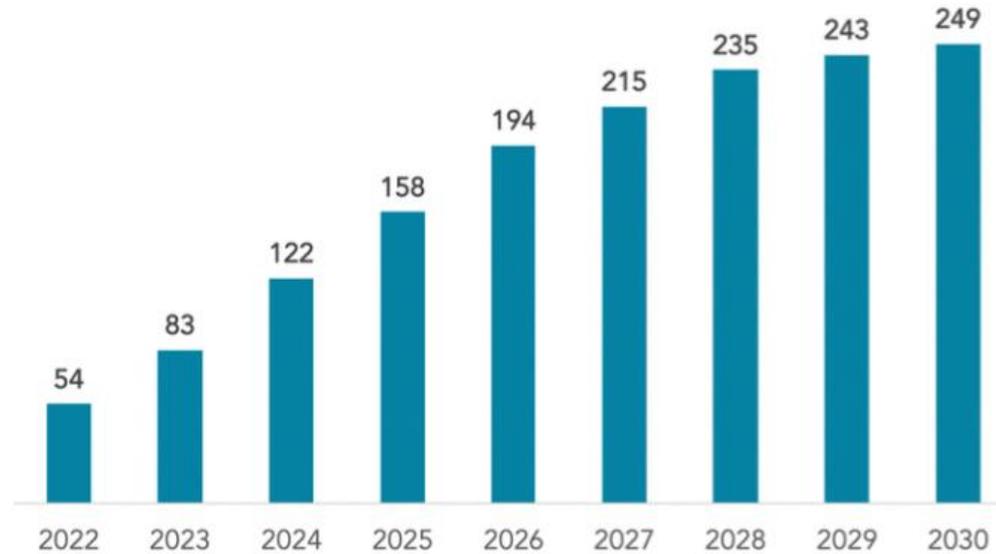
NUMBER OF BEV MODELS EXPECTED TO INCREASE 195 BY 2030

By 2030, the number of BEV models available for sale in the US is expected to increase by 195 models or 361% from 2022.

The most significant growth should occur during the years 2022 through 2026, when the number of BEV models will increase more than 260%.

The number of new BEV models is expected to slow at the end of the decade due to the high number of new models launched in previous years and OEMs looking to scale production and increase profits.

Additionally, we expect OEMs to discontinue older, non-competitive EVs and adoption rates to slow as EVs reach the late majority phase of adoption.



US BEV Sales Forecast by OEM: 2022 - 2030

EVAAdoption, LLC | August 2022



**Incentive Level Changes
& Program Updates**

CHEAPR INCENTIVE LEVEL ADJUSTMENTS / TIMING



Current Incentives

Incentives (\$)	
PHEV Standard	750
PHEV Rebate+ New	1,500
BEV Standard	2,250
BEV Rebate+ New	2,000
PHEV Rebate+ Used	1,125
BEV Rebate+ Used	3,000
FCEV Standard New	7,500
FCEV Rebate+ New	2,000
FCEV Rebate+ Used	7,500

January 1, 2025

Incentives (\$)		
PHEV Standard	750	-
PHEV Rebate+ New	1,500	-
BEV Standard	1,500	↓
BEV Rebate+ New	3,000	↑
PHEV Rebate+ Used	3,000	↑
BEV Rebate+ Used	5,000	↑
FCEV Standard New	1,500	↓
FCEV Rebate+ New	3,000	↑
FCEV Rebate+ Used	5,000	↓

This **returns** BEV Standard to \$1,500 and **increases** BEV Rebate+ New to \$3,000

Additionally, this **increases** the Rebate+ Used Incentives

Trigger
If incentives paid out from Jan-Apr 2025 exceeds **\$3M total** (\$750,000 monthly)

July 1, 2025

Incentives (\$)		
PHEV Standard	750	-
PHEV Rebate+ New	1,500	-
BEV Standard	1,000	↓
BEV Rebate+ New	4,000	↑
PHEV Rebate+ Used	3,000	-
BEV Rebate+ Used	5,000	-
FCEV Standard New	1,500	-
FCEV Rebate+ New	3,000	-
FCEV Rebate+ Used	5,000	-

These scenarios **reduces** BEV Standard to \$1,000 and **increases** BEV Rebate+ New to \$4,000

INCENTIVE CHANGES – EVENTS ATTENDED



- Represented CHEAPR and presented upcoming Incentive Level changes at various community events:
 - ✓ “Addressing Barriers to EV Adoption-Panel Discussion, Community Forum”, at Housatonic Community College, Bridgeport, Oct. 16th
 - ✓ SWIFT Sustainability Expo in North Hartford, Oct. 19th
 - ✓ Connecticut International Auto Show by CARA, Nov. 15th -17th

INCENTIVE CHANGES - OUTREACH EFFORTS



- ✓ Updated website and various webpages to feature new incentive levels and date of change
 - Check out driveCHEAPR.org!
- ✓ Created new flyers, posters, handouts, etc. with updated information for events
- ✓ Updated and held webinars hosted by CSE for dealers and consumers with the new information
- ✓ Paragraph in CARA's monthly newsletter to inform dealers



Visit DriveCHEAPR.org for more details!



Point of Sale Purchase or Lease Incentives			
Vehicle Type	Standard	Rebate+ New (Standard + Rebate+ New)	Rebate+ Used
Plug-in Hybrid Electric Vehicle (PHEV)	\$750	\$2,250	\$3,000
Battery Electric Vehicle (BEV)	\$1,500	\$4,500	\$5,000
Step 1 - Standard Incentive You select an eligible EV from your favorite dealership		Step 1 - Rebate+ Incentive Before you buy, you pre-apply! Then select an eligible EV	
Step 2 The Dealer helps you complete the application at the dealership		Step 2 Bring your Rebate+ voucher to your favorite dealer and then they complete the standard CHEAPR rebate application. You get both!	
Step 3 The Dealer credits the CHEAPR Rebate on your purchase or lease		Step 3 The Dealer credits both the CHEAPR Standard Rebate and Rebate+ on your purchase or lease	
Step 4 You take the CHEAPR survey to help us to improve the program!		Step 4 You take the CHEAPR survey to help us to improve the program!	

← Are You Eligible for a Rebate+?

Check the Website
www.DriveCHEAPR.org



← Scan to visit the New Eligible Vehicles List



← Scan to visit the Used Eligible Vehicles List

Note: Rebate+ Used vouchers can be applied for and redeemed either pre- or post-purchase.



Connecticut Department of Energy & Environmental Protection

Effective January 1, 2025, Incentive Levels are Changing!

PHEV Standard	\$750	-
PHEV Rebate+ New	\$1,500	-
BEV Standard	\$1,500	↓
BEV Rebate+ New	\$3,000	↑
PHEV Rebate+ Used	\$3,000	↑
BEV Rebate+ Used	\$5,000	↑

Since 2015, CHEAPR has issued over \$31 million in rebates to Connecticut residents for the purchase or lease of over 16,500 EVs!

driveCHEAPR.org

Scan to visit the CHEAPR website or visit: driveCHEAPR.org

ADDITIONS TO REBATE+ QUALIFYING PROGRAMS

Winter Protection Program (WPP)

- State-run program (DSS, utilities and Community Action Agency)
- Prevents utilities from being shut off in the wintertime based on financial hardship or medical protection
- Eligible participants include:
 - Customers who receive public or private energy assistance
 - Customers whose incomes are at or below 125% of the federal poverty level
 - Customers who receive state, city, Medicaid and/or federal or state financial assistance
 - A customer whose physician's office certifies they or someone in their household has a serious or life-threatening illness

Home Energy Solutions

- Utility-run program
- Provides home weatherization services to those who qualify to help save money on utility bills
- Eligible participants include:
 - Customers whose family's combined gross annual income does not exceed the state's 60% income median
 - Customers who already qualify for Eversource income-based payment assistance programs like the Electric Discount Rate, Matching Payment Plan (MPP) or New Start
 - Customers whose home has not received these program services within the last 6 years.



Other CHEAPR Initiatives

EBIKES ROUND 2 UPDATE



eBike vouchers are starting to be redeemed!

- 3,566 total applications were received during two-week open period
 - 2,729 were Voucher+ applications with ~48% following the Tier 1 eligibility
- 600 applications selected by lottery that qualify for Tier 1, and 700 selected for standby
- ~47% of vouchers have already been approved and are ready to be redeemed!
 - Vouchers are redeemable for 240 days of issuance so rate of redemption could take time
 - CSE is working with applicants and retailers to ensure all proper documentation is submitted correctly. Applications may need to be resubmitted for accuracy
 - There is a high rate of cancellations for this round; DEEP and CSE are looking into the causes
- Currently, there are:
 - 23 Participating Retailer locations across CT
 - 130 eligible eBike models
- Updates to the eBike Statistics Page are in the works!

Eligibility	Total Apps	Approved	Redeemed	Cancelled
Personal Income	108	45	22	38
Public Assistance	492	221	84	180



EECBG GRANT FUNDING FROM D.O.E.

Municipal Fleet Purchase Incentive Program

CT DEEP is planning to receive funding from the U.S. DOE to help state municipalities acquire EVs!

- DEEP expects to receive \$2 million in federal funding from the U.S. Department of Energy under the Energy Efficiency Conservation Block Program (EECBG)
 - The program will be open to the following 19 districts initially due to EECBG rules and qualifications, as at least 40% (or ~\$850K) of funds must be directed to these towns
 - A second round would be opened to other municipalities with state-designated EJ communities if funding is not exhausted
- This funding will be used to provide \$5,000 to \$20,000 vouchers for municipalities to purchase EVs
- The value of the voucher would be deducted from the purchase price of an eligible EV when purchased or leased from a licensed CT dealership

EECBG Priority Districts	
Ansonia	Plainfield
Chaplin	Plymouth
Derby	Preston
East Haven	Putnam
Griswold	Sprague
Killingly	Sterling
Montville	Voluntown
Naugatuck	Winchester
New London	Windham
North Stonington	

FEDERAL EV POLICY AND FUNDING-ISSUES TO TRACK WITH A NEW ADMINISTRATION



- ***EPA Rules for Cars/medium-duty trucks***-In March of 2024, EPA finalized its [multi-pollutant rule](#) that applies to passenger cars, pickups and commercial vans for MY 2027-2032.
- ***Heavy-Duty (HD) Trucks***-(Phase 3 GHG Standards) EPA issued a [final rule](#) in March of 2024 to revise the GHG emission standards for HD vehicles for MY 2027-32.
- ***California Waivers for Mobile Source Programs (Cars, trucks, fleets, locomotives)***
- ***Federal Tax Credits for EVs*** track to determine changes to CHEAPR in 2025.
- ***Federal Funding for EV charging-funded through IRA (CFI) and IIJA (NEVI).***

BOARD QUESTIONS AND DISCUSSION

Other Updates-Clean School Bus RFP, CT Green Bank

Open for Board Member questions and discussion.

PUBLIC COMMENTS

Please raise your hand in the chat.

CHEAPR BOARD MEETING SCHEDULE

2024 CHEAPR Board Meetings

- ✓ March 14, 2024
- ✓ June 6, 2024
- ✓ September 12, 2024
- ✓ December 12, 2024

2025 CHEAPR Board Meetings

- March 13, 2025
- June 12, 2025
- September 11, 2025
- December 11, 2025