



Connecticut Department of Energy and Environmental Protection



Board Agenda

3:00 PM Chair Commissioner Dykes Call to Order

- Welcome
- Approval of the September 15, 2022 CHEAPR Board Meeting minutes

3:15 PM CHEAPR Program Update

- Program Metrics
- Budget Update
- Public Act 22-25 Implementation Update

4:00 PM Board Discussion

4:15 PM Public Comments

Adjourn



Approval of the September 15, 2022 Minutes



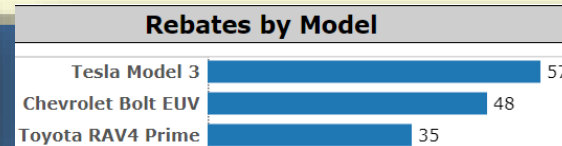
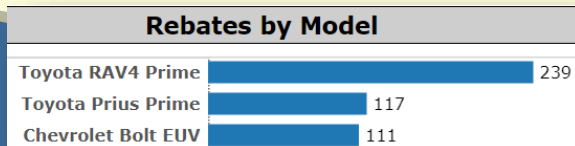
CHEAPR Budget

Budget from Jan. 1, 2020 through Nov. 30, 2022

1. Rebates paid from 6/15/20 through 11/22/22 (2,766 vehicle rebates).
2. Rebates paid from 9/8/22 through 10/31/22 (207 vehicle rebates: 150 BEV, 57 PHEV and 3 Rebate+ New).
3. Apps received through 11/30/22 that are approved and in process but not yet paid as of 11/30/2022 (126 vehicles & 4 Rebate+ Used).
4. Most popular vehicles are:

2022

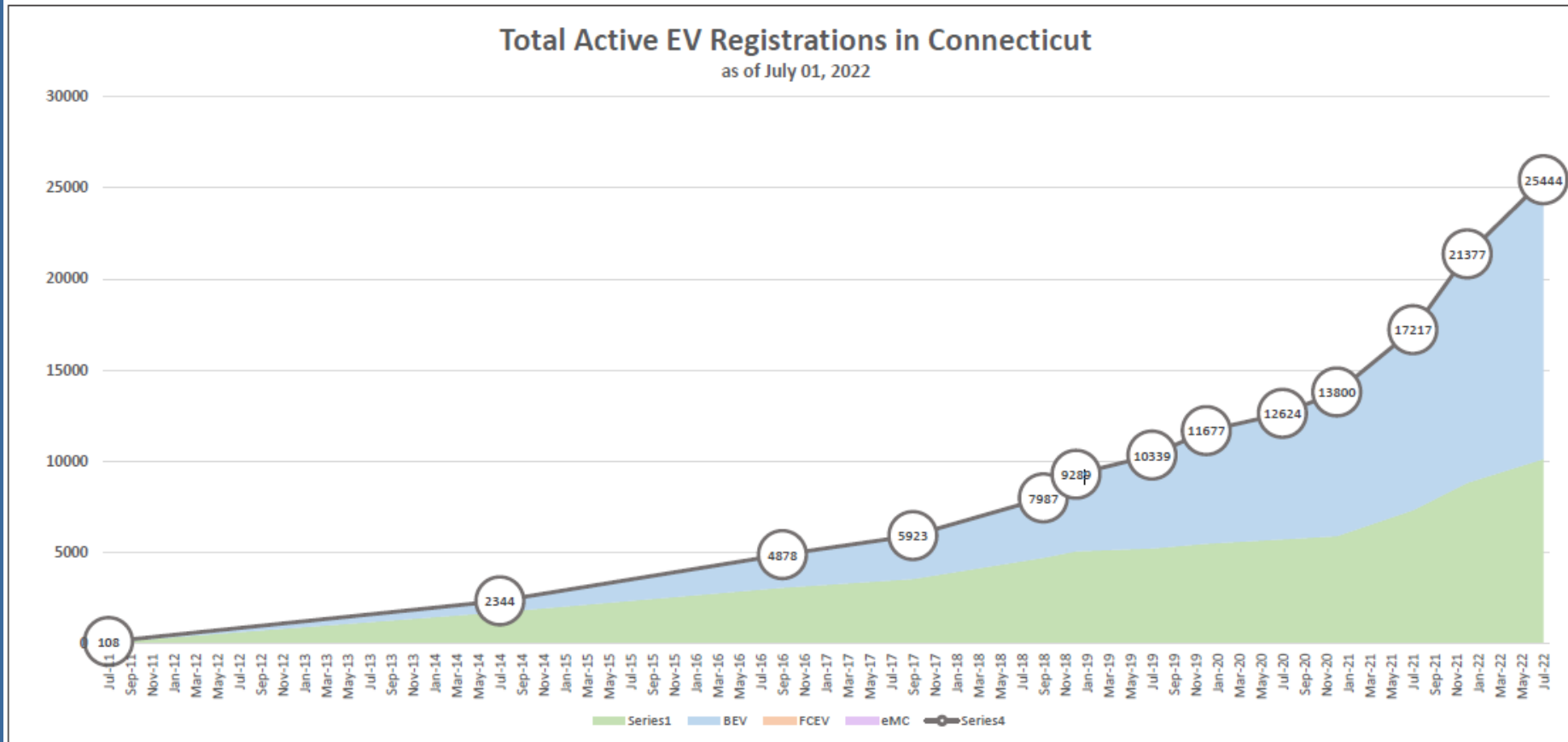
Since Last Board Mtg.



	Rebate Funds	Admin Funds (1)	Total Funds
Contract Funding Summary:			
Air Funding (CHEAPR2 Bridge Funding) (2)	\$ 260,000.00	\$ 65,000.00	\$ 325,000.00
Year 1 (2020) Funding	\$ 2,625,016.00	\$ 374,984.00	\$ 3,000,000.00
Year 2 (2021) Funding	\$ 2,625,016.00	\$ 374,984.00	\$ 3,000,000.00
Year 3 (2022) Funding	\$ 2,625,016.00	\$ 374,984.00	\$ 3,000,000.00
Subtotal Program Funding	\$ 8,135,048.00	\$ 1,189,952.00	\$ 9,325,000.00
CHEAPR2 Rebates (Vehicle) Paid	\$ (246,500.00)		\$ (246,500.00)
CHEAPR2 Rebates (Dealer) Paid	\$ (13,400.00)		\$ (13,400.00)
Subtotal CHEAPR2 Incentives Paid (3)	\$ (259,900.00)		\$ (259,900.00)
CHEAPR3 Rebates (Vehicle) Paid	\$ (3,472,500.00)		\$ (3,472,500.00)
CHEAPR3 Rebates (Dealer) Paid	\$ (224,700.00)		\$ (224,700.00)
CHEAPR3 Rebates (Plus) Paid	\$ (43,000.00)		\$ (43,000.00)
Subtotal CHEAPR3 Incentives Paid (4)	\$ (3,740,200.00)		\$ (3,740,200.00)
CHEAPR3 Pipeline:			
Rebates Approved (Vehicle)	\$ (140,500.00)		\$ (140,500.00)
Rebates Approved (Dealer)	\$ (8,050.00)		\$ (8,050.00)
Rebate in Process (Vehicle)	\$ (74,000.00)		\$ (74,000.00)
Rebate in Process (Dealer)	\$ (3,900.00)		\$ (3,900.00)
Subtotal CHEAPR3 Pipeline (5)	\$ (226,450.00)		\$ (226,450.00)
January'20-June'20 Admin Costs - CHEAPR2 Bridge Funding		\$ (65,000.00)	\$ (65,000.00)
June'20-May'21 Admin Costs - CHEAPR3 (~ 12 months)		\$ (403,997.07)	\$ (403,997.07)
June'21-May'22 Admin Costs - CHEAPR3 (12 months)		\$ (415,715.11)	\$ (415,715.11)
June'22-Nov'22 Admin Costs - CHEAPR3 (6 months) (6)		\$ (141,762.79)	\$ (141,762.79)
Total Funds Utilized through 11/30/2022	\$ (4,226,550.00)	\$ (1,026,474.97)	\$ (5,253,024.97)
Estimated Remaining 2021-2022 Funding	\$ 3,908,498.00	\$ 163,477.03	\$ 4,071,975.03
Estimated Funds on Hand:			
CHEAPR2 Bridge Funding Received	\$ 259,900.00	\$ 65,000.00	\$ 324,900.00
Additional Funds received	\$ 4,521,725.00	\$ 999,984.00	\$ 5,521,709.00
Total CHEAPR3 Funds Received	\$ 4,781,625.00	\$ 1,064,984.00	\$ 5,846,609.00
Funds Held by DEEP/DMV	\$ 3,353,423.00	\$ 124,968.00	\$ 3,478,391.00
Funds Held by CSE	\$ 555,075.00	\$ 38,509.03	\$ 593,584.03
Total	\$ 3,908,498.00	\$ 163,477.03	\$ 4,071,975.03



EV Registrations in Connecticut as of July 1st



DMV Registration
Data Update
January 2023

EV Type	EVs Registered in CT on:												
	7/1/2011	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
PHEV	76	1723	3066	3549	4705	5063	5220	5480	5722	5893	7321	8827	10126
BEV	32	621	1811	2371	3280	4208	5099	6172	6874	7880	9861	12513	15268
FCEV	0	0	1	3	2	2	2	3	3	3	3	3	6
eMC	ND	ND	ND	ND	ND	16	18	22	25	24	32	34	44
Grand Total	108	2344	4878	5923	7987	9289	10339	11677	12624	13800	17217	21377	25444



CHEAPR at Connecticut International Auto Show

On Nov. 11th, Commissioner Dykes and DEEP staff attended the opening of the 2022 show.

2022 CHEAPR EV Champion
Awarded to A-1 Toyota



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CHEAPR at Connecticut International Auto Show Cont.

- DEEP staffed a table near several CHEAPR eligible EVs to discuss the program and distribute informational flyers
- Car show facts from CARA:
 - Attendance: ~ 20,000 ppl over the 3 days
 - Younger audience (heavy attendance by 18 – 45 year old's).
 - Young families largest increase in demographic

Rebates for New EVs

CHEAPR
Connecticut Hydrogen and Electric Automobile Purchase Rebate

Save money on fuel costs and cut your tailpipe emissions by driving a new electric vehicle (EV). Best of all, CHEAPR offers incentives that lower your EV's final price. Program eligibility includes:

- Be a current Connecticut resident
- Purchase or lease an EV at a Connecticut dealership
- Choose an EV from CHEAPR's new eligible vehicle list
- Limit of two rebates at least 24 months apart

Standard Rebate		
Plug-in Hybrid (PHEV)	Battery (BEV)	Fuel Cell (FCEV)
\$750	\$2,250	\$7,500

Rebate+ New		
Plug-in Hybrid (PHEV)	Battery (BEV)	Fuel Cell (FCEV)
\$1,500	\$2,000	\$2,000

Get your rebate directly at the dealership

- Request application at dealership
- Complete application and survey
- Rebate reflected on car purchase/lease

Apply for an additional rebate after your purchase/lease

- Check your email for Rebate+ New application
- 15 days to apply after qualifying email is sent
- Eligibility dependent on participation in income-qualifying programs (list on website)

Scan to visit the CHEAPR website

DriveCHEAPR.org
See Eligible Vehicles, Program Requirements, Frequently Asked Questions and more at the CHEAPR website.

Rebates for Used EVs

CHEAPR
Connecticut Hydrogen and Electric Automobile Purchase Rebate

Income-qualified residents who want a more affordable EV price, CHEAPR offers used electric vehicle rebates that also lower costs and lower emissions. Program eligibility includes:

- Be a current Connecticut resident
- Be an income-qualified resident
- Be an eligible used vehicle from a licensed dealer
- The EV is on CHEAPR's used eligible vehicle list
- Vehicles are not eligible for CHEAPR Rebate+ Used

Rebate+ Used	
Battery (BEV)	Fuel Cell (FCEV)
\$3,000	\$7,500

or you've purchased a used EV in an account at CHEAPR website and an online application within 45 days of purchase

EAPR.org
Program Requirements, Eligible Vehicles and more at the

CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION

CSE-CHEAPR-062022



Connecticut Auto Show – CHEAPR Eligible Vehicles and More



Ford – F150 Lightning



Kia – EV6



Subaru – Solterra 2023 Concept



Ford – Mustang Mach E

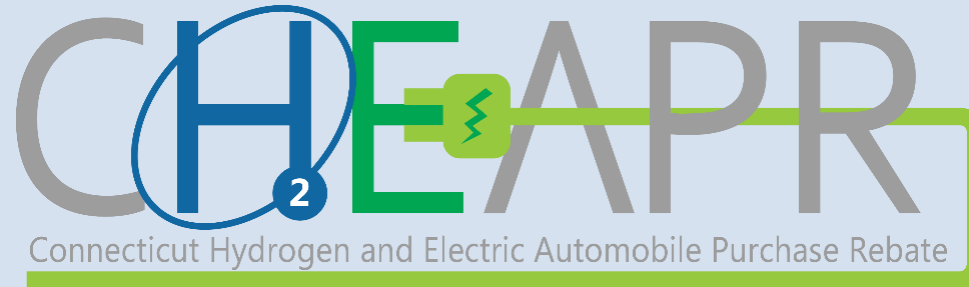


Kia – Niro Electric



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CHEAPR is **Evolving!**

Implementing Public Act 22-25



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Public Act 22-25 & CHEAPR

- **CHEAPR is being extended to:**
 - Businesses, Municipalities, Nonprofits (10 EVs/yr | 20 Total)
- **E-Bike Voucher Program**
 - Requires the establishment of *maximum* income eligibility
 - Minimum \$500 rebate w/ \$3,000 MSRP cap on E-bikes
 - LMI/EJ component
- **Outreach & Marketing**
 - Requires DEEP to conduct outreach and implement a marketing campaign to further promote CHEAPR
 - DEEP is in the process of scoping out an SOW for marketing CHEAPR for current and revised programs.
- **CHEAPR Implementation Priorities:**
 - LMI voucher program & income prequalification



Substitute Senate Bill No. 4

Public Act No. 22-25

AN ACT CONCERNING THE CONNECTICUT CLEAN AIR ACT.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

Section 1. Section 4a-67d of the 2022 supplement to the general statutes is repealed and the following is substituted in lieu thereof (Effective October 1, 2022):

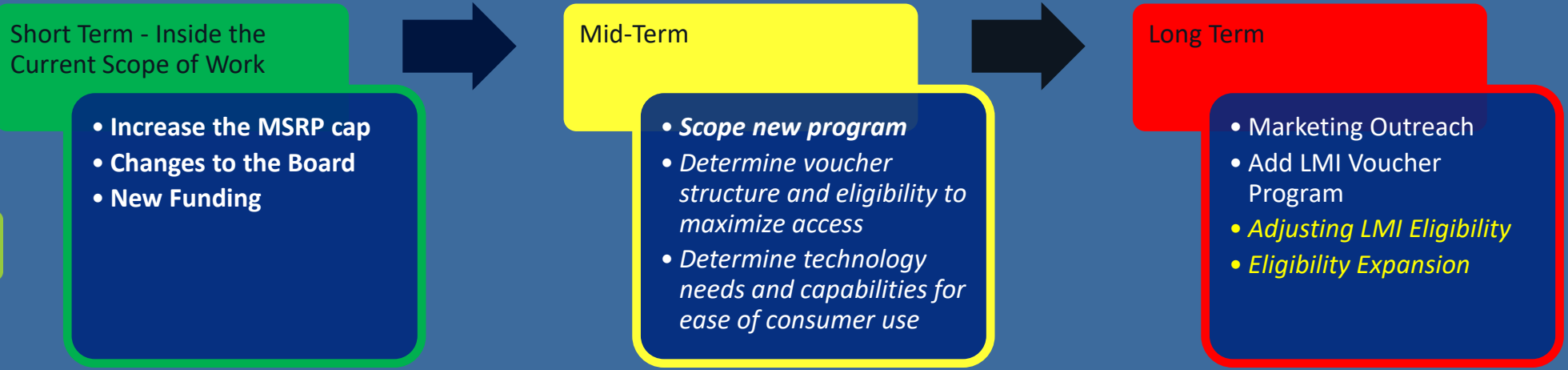
(a) As used in this section, (1) "emergency vehicle" means a vehicle used by the Department of Motor Vehicles, Department of Emergency Services and Public Protection, Department of Energy and Environmental Protection, Department of Correction, Office of State Capitol Police, Department of Mental Health and Addiction Services, Department of Developmental Services, Department of Social Services, Department of Children and Families, Department of Transportation, Judicial Department, Board of Pardons and Paroles, Board of Regents for Higher Education, The University of Connecticut or The University of Connecticut Health Center for law enforcement or emergency response purposes, (2) "hybrid" means a passenger car that draws acceleration energy from two on-board sources of stored energy that consists of either an internal combustion or heat engine which uses combustible fuel and a rechargeable energy storage system and, for any passenger car or light duty truck with a model year of 2004 or newer, that is certified to meet or exceed the California Air Resources Board's



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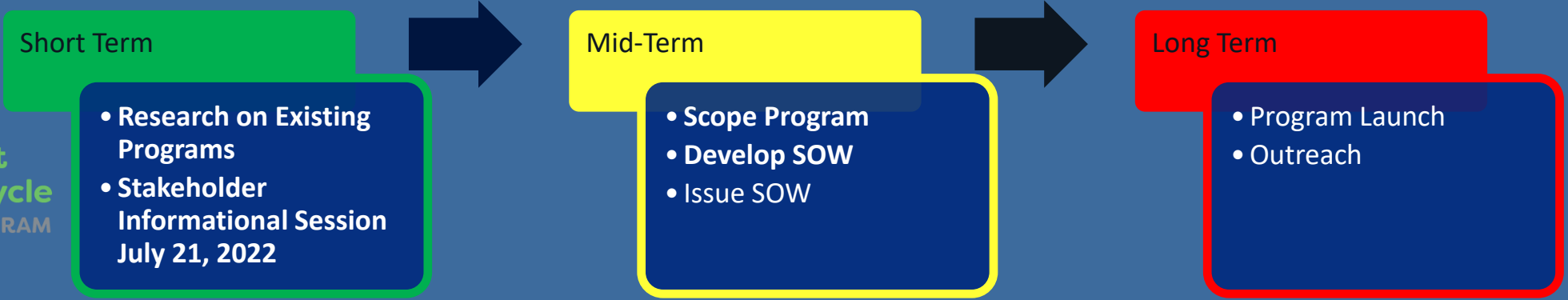


Workplan – Tasks



Bold – Done

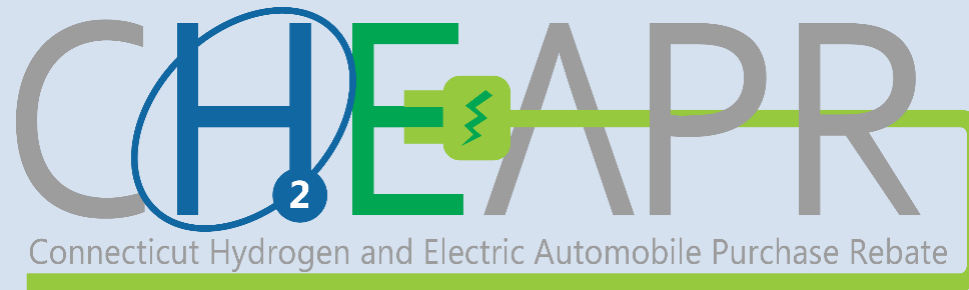
Italics - New or Moved



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CHEAPR Update



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Board Changes

PA 22-25 Adds five new positions to the Board

Appointing Authority	Qualification
PURA Chairperson (or designee)	
Transportation Committee House chairperson	1. Representative of an organization promoting walking or bicycling
Transportation Committee Senate chairperson	2. Knowledge of transportation matters
Transportation Committee House ranking member	3. Representative of an association representing EV manufacturers
Transportation Committee Senate ranking member	4. Knowledge of transportation matters



List of Current Board Members

Evaluation and Appointment

1. Accepting Resumes for Open Positions
 2. Contacting Legislators to fill Appointed Positions
 3. Members serve for two years and may serve until a successor is appointed
- * President Pro Tempore appointment now must be an owner or manager of bike shop

CHEAPR Board shall advise the Commissioner concerning priorities for the allocation, distribution and utilization of funds for the CHEAPR program



Increasing the MSRP Cap

Expanding vehicle eligibility to \$50,000 effective July 1, 2022

1. Expand *new* vehicle eligibility to \$50,000

- Identify newly eligible vehicles (~10 more EVs)
- Update the CHEAPR website & IM to include new vehicles, pictures, prices

2. Dealer Portal Changes (CSE)

- CSE to update CHEAPR platform, identify VIN strings for newly eligible vehicles
- Work with OEMs and dealers to identify new vehicles

3. Outreach

- Update program collateral

Additions

Make	Model	Type	MY	MSRP
BMW	3-Series Plug in	PHEV	2022	\$42,950
Ford	Mustang Mach-E	BEV	2022	\$43,895
Audi	Q4 e-Tron	BEV	2022	\$43,900
BMW	i3	BEV	2021	\$44,450
Tesla	Model 3: RWD	BEV	2022	\$46,990
Polestar	2 LR-SM	BEV	2022	\$48,400
BMW	i3 REX	PHEV	2021	\$48,300
BMW	X3	PHEV	2021	\$49,545

*EVs under \$50K that appeared for the first time in CT DMV registration database between January 1, 2021 - December 31, 2021.



LMI Marketing and Outreach

Expanded outreach to LMI communities requires a new contracting process

1. Scope out marketing program ✓

- Coordinate with DEEP Marketing and Communication team ✓

2. Develop SOW for marketing program design ✓

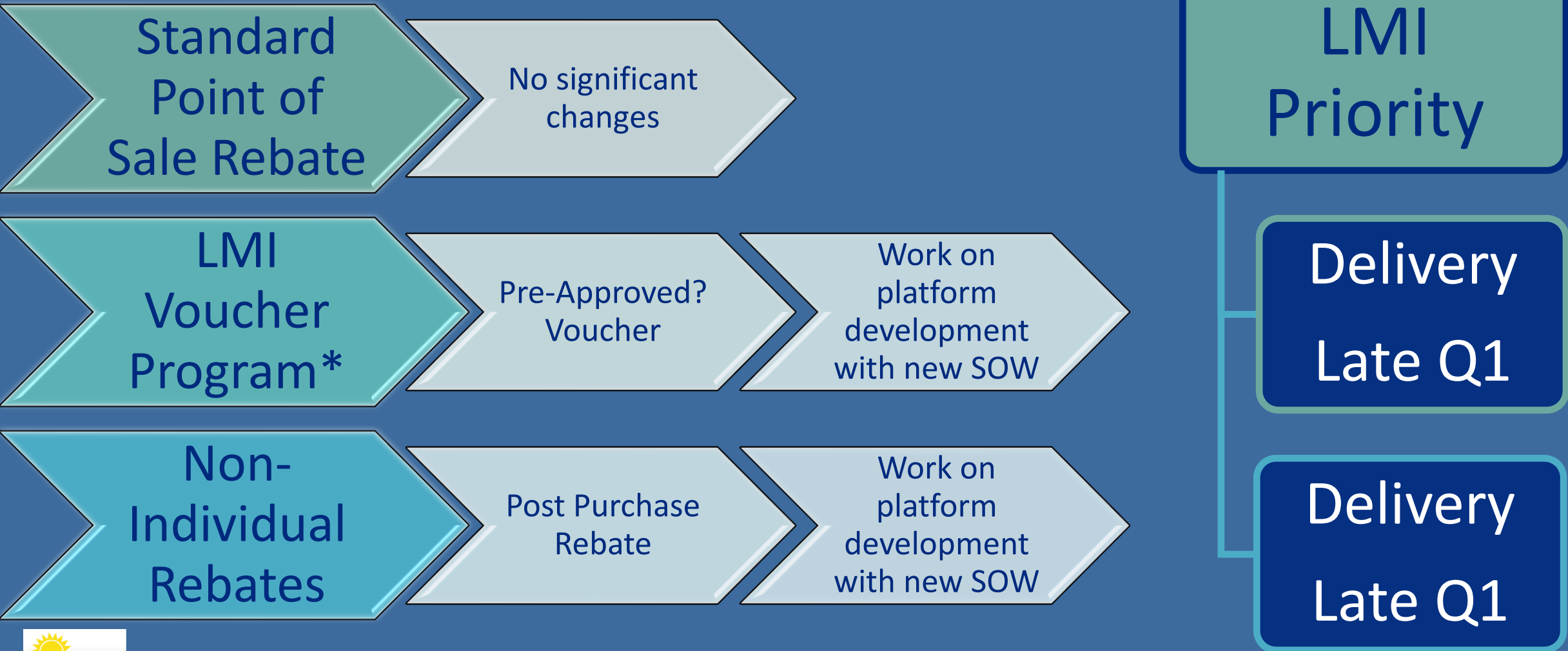
3. Develop SOW for marketing program implementation

4. Issue SOW

5. Assess responses for program design, select vendor



Rebate Process Changes



*DEEP will retain the post-sale rebate for LMI Individuals for continuity;
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Update and Next Steps

- Develop and implement new workflows - in progress
- Revise program implementation SOW with CSE for period of January 1, 2023 through December 31, 2025
- Issue Outreach & Marketing Program Design SOW and evaluate proposals



E-Bike Program Development Update



**Connecticut
Electric Bicycle
INCENTIVE PROGRAM**



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E-Bike Workplan



**Connecticut
Electric Bicycle**
INCENTIVE PROGRAM

Short Term

- **Research on Existing Programs**
- **Stakeholder Informational Session July 21, 2022**

Mid-Term

- **Scope Program**
- **Develop SOW**
- **Review proposal**
- **Issue SOW**

Long Term

- **Program Launch**
- **Outreach**

Bold – Done



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Connecticut Hydrogen and Electric Automobile Purchase Rebate

E-Bikes: Update

Step 1: Information Gathering and Processing

- Public Informational Session: July 21, 2022
- Public Comment period closed: July 29, 2022
- DEEP has engaged in multiple conversations with stakeholders

Step 2: Scope the Program

- Develop the programs parameters

Step 3: Release the Scope of Work for Proposals

- DEEP released the scope of work for bids from on-call contractors on November 8, 2022
- DEEP held a bidder's conference on November 15, 2022
- **One proposal received on December 9, 2022**



Program Design

- Both point of sale via voucher and post-purchase rebate.
 - Two workflows due to unknowns, e.g.,: number of retailers, participation rates and prevalence of on-line sales
 - Post purchase process will work well for on-line sales and non-participating Connecticut retailers, but not ideal for LMI purchasers
- Incentive levels:
 - Standard and locational incentive \$500
 - Income eligibility determined both categorically and via income verification for Rebate+ incentive of \$1,000
 - Incentives will be stackable – total potential \$1,500 incentive
- Other program parameters:
 - E-bike MSRP \leq \$3,000
 - Maximize air quality benefits
 - Prioritize EJ communities and low-moderate income households



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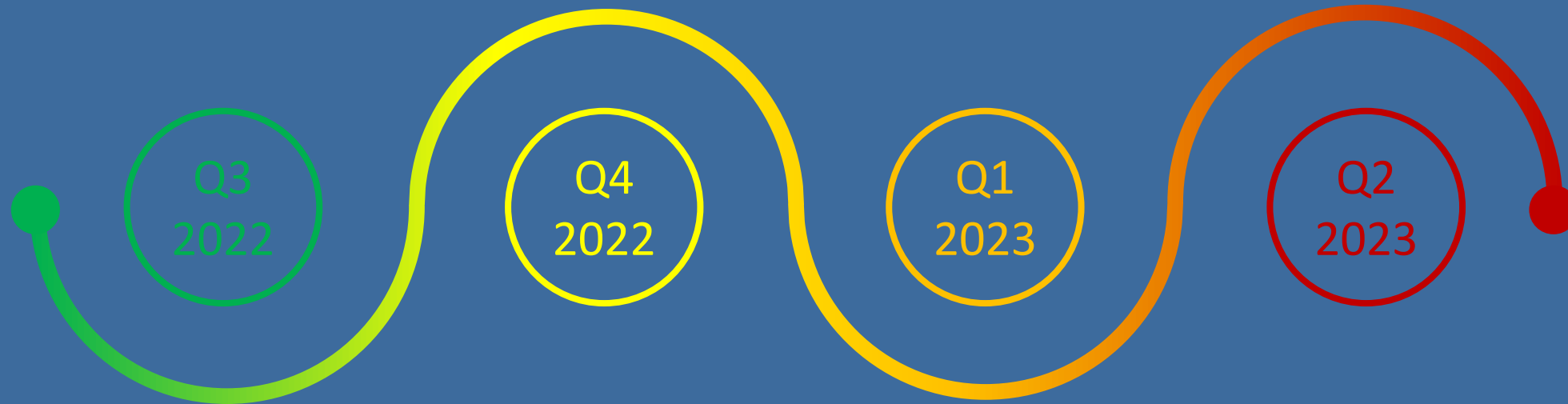


E-Bike Program Development Status Update

- One proposal in response to the SOW received on Dec. 9th
- DEEP is evaluating the proposal with the goal of finalizing the SOW by end of month
- Target implementation date based on contractor response is late Q1-mid Q2 2023



Updated Timeline



July – Sept.

- PA 22-25 Effective – July 1, 2022
- Increase MSRP Cap to \$50,000;
- New program funding;
- Changes to CHEAPR Board
- E-Bike Scope of Work and RFI, outreach

Oct. – Dec.

- Develop and issue Marketing and Outreach SOW
- E-bikes-short term efforts continue – issue SOW and select vendor
- Develop E-Bike Program
- Issue marketing SOW

Jan. – Mar.

- Equity Priority
- Q1 – Income PreQual process for voucher program (New + Used Evs)
 - Q2 – Expanding CHEARP to businesses, municipalities, non-profits and tribes

Apr. – Jun.

- E-bike Program
- Target launch of e-bike program is late Q1 –Q2 2023 if SOW finalized this month





Board Questions and Discussion



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Public Comments

Please raise your hand in the chat



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Next CHEAPR Board Meeting March 16, 2023 at 3PM



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