

Connecticut Electric Vehicle Charging Program

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Program Summary

- **CT Electric Vehicle (EV) Charging Program** is a new, 9 year program that provides incentives for electric vehicle supply equipment (EVSE) + rate design offerings
- Launched on January 1, 2022
 - Administered by your electric utility company (Eversource and United Illuminating, or UI)

Residential (Level 2 chargers)	Non-Residential
Single-Family	Direct Current Fast Chargers (DCFCs)
Multi-Unit Dwellings	Workplace & Light-Duty Fleets (Level 2)
	Public Destination (Level 2)



Program Objectives



Zero Emissions Vehicles

1. Enable Connecticut's commitment to the ten state Zero Emission Vehicle MOU (i.e., 125,000 – 150,000 EVs by 2025);
2. Facilitate the seamless integration of new and emerging ZEV-related technologies, to realize the potential electric system benefits of ZEVs;
3. Deploy ZEVs in support of PURA objectives for its Equitable Modern Grid Framework; and
4. Achieve an equitable transition to wide-scale EV deployment across all communities in Connecticut.



EVSE Deployment Targets

	NUMBER OF PORTS (STATEWIDE)			
PROGRAM AREA	2022-2024	2025-2027	2028-2030	TOTAL
Residential Single-Family (Level 2)	15,000	17,500	17,500	50,000
Residential Multi-Unit Dwellings (Level 2)	1,213	<i>to be revisited</i>		
DCFC	137	172	172	550
Destination (Level 2)	789	1,654	1,654	4,868
Workplace & Light-Duty Fleets (Level 2)	2,314	2,521	2,521	7,356



Residential (Single-Family)

Incentives

- Up to \$500 rebate for networked (i.e., "smart") EVSE
- Up to \$500 rebate for electric wiring upgrade (240v), *if needed*

Participation in Managed Charging

- Enrollment in utility demand response program to shift charging to off-peak times during June – Sept. (up to 3 hours; 3:00 – 9:00 p.m.)
 - Up to \$200 annual (off-bill) payment
 - Add'l \$100 one-time enrollment for participation via:
 - (1) vehicle telematics, or
 - (2) a device to enable managed charging for existing non-networked Level 2 EVSE



Additional Incentives & Participation

Site Host requirements:

- (1) own the land; (2) have a lease (≥ 5 yrs); OR (3) obtain written consent from landowner.
- Responsible for operations & maintenance (min. 5 yrs)
- Allow utility to access charger usage data

	Multi-Unit Dwellings (Level 2)	Public Destination (Level 2)	Workplace & Light-Duty Fleets (Level 2)	DCFC
EVSE & Make-Ready Incentives	Up to 50% of EVSE cost + Up to 100% make-ready installation (≥ 2 ports)	Up to 50% of EVSE cost + Up to 100% make-ready installation (≥ 4 ports)	Up to 50% of EVSE cost + Up to 100% make-ready installation (≥ 4 ports)	Up to 50% of EVSE cost + Up to 100% make-ready installation (≥ 2 ports)
Maximum Incentive per Site <i>(inclusive of make-ready costs covered by the Program)</i>				
Baseline	\$20,000			\$150,000
Underserved Communities	\$40,000			\$250,000



Rate Design Offerings

Residential

- Eversource (Rate 7) & UI (Rate RT) currently offer a whole-house time-of-use rate
- PURA will reexamine potential for EV-only time-of-use rate in future Program review

Demand Charge Mitigation for DCFCs and Level 2 (10+)

- Ask about the utility's EV Rate Riders
- Utilities to propose tariff (in 2022) to include a fixed monthly charge + volumetric distribution charges that scale down and demand charges that scale up as charging station utilization increases



Program Review Process

Annual Review (e.g., Dkt. 22-08-06)

- PURA will review deployments, costs & key metrics, etc., and make adjustments, as needed

Three-Year Program Review (i.e., 2024; 2027)

- PURA will reevaluate the program design, including incentive levels & deployment targets, to ensure ratepayer value and adherence to the program objectives

Opportunities for public input in both
the Annual Review and Three-Year Program Reviews



Next Steps (Docket No. 22-08-06)

Eversource & UI reconvening Managed Charging Working Group (January 2022)

Annual Program Review (beg. April 2022)

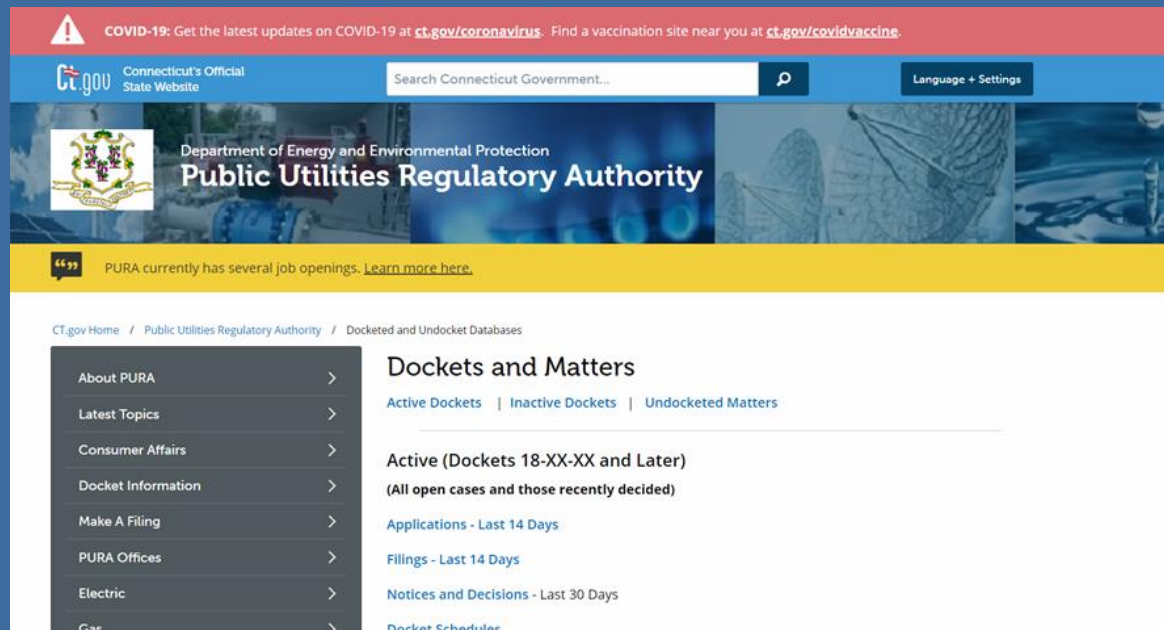
- Revisions to Managed Charging Program Requirements
- Utility leasing program for MUDs
- Proposed EV-only tariff offering for MUDs
- Proposed tariff for DCFCs & Level 2 light-duty fleets



How to engage with PURA

- PURA online calendar
- Sign up for email alerts

Interested in receiving email updates for the EV-related dockets, or other PURA proceedings? Sign up through PURA's email notification system. If you're having difficulties updating an existing account, use the Internet Explorer browser and follow these troubleshooting tips.



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Connecticut Public Utilities Regulatory Authority

Contacts

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