



Connecticut Department of Energy and Environmental Protection



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

CT EV Roadmap Scoping Meeting

December 14, 2018



Agenda

- I. Welcome and opening remarks
- II. Purpose of today's scoping meeting
- III. Review proposed scope and timeline
- IV. Public comments



Purpose

- ✓ Fulfilling recommendation of the 2018 Comprehensive Energy Strategy, to develop an electric vehicle roadmap for Connecticut.
- ✓ The EV Roadmap will identify Connecticut-specific policies, programs, and strategies that the State of Connecticut should pursue to optimize deployment of electric vehicles (EVs) and associated infrastructure.
- ✓ DEEP is seeking comments on the proposed scope (written comments due December 20, 2018)



EV Roadmap Overview

- The EV Roadmap will outline the 2030 vision and identify near-term objectives necessary to support the deployment of increasing numbers of light-duty zero emission vehicles (ZEVs) in Connecticut necessary to meet air quality and climate goals as part of the ZEV MOU and mandatory emission reduction targets.
- Inform the parameters DEEP will consider when soliciting and developing investment strategies for the deployment of electric vehicle supply equipment (EVSE) infrastructure proposals under the VW NOx Mitigation Grant.



Accelerating ZEV adoption and creating a robust fueling infrastructure

To further support development of a self-sustaining EV market and the necessary infrastructure, the EV Roadmap will build on existing efforts already underway and make recommendations on the following elements:

- Education, outreach, and marketing
- Public and private fleet strategies
- Sustainable funding in the form of incentives, financing, manufacturer partnerships, or other
- Partnering with dealerships
- Bringing clean transportation options to low- to moderate-income communities
- Streamlining building codes and permitting
- Future proofing
- Interoperability
- Consistency of customer experience
- Data collection (EV registrations, charging station data, etc.)



Fueling Charging Cases

The EV Roadmap will discuss and make recommendations on the following fueling/charging cases:

Public	<ul style="list-style-type: none">• Public charging infrastructure ownership models• EV fast charging• Corridors, destinations, state facilities and properties, around town• Hydrogen refueling stations
Residential	<ul style="list-style-type: none">• Single family homes• Multi-unit dwellings
Workplace	<ul style="list-style-type: none">• Workplace charging opportunities• Outreach to promote workplace charging• Opportunities to reduce impact of charging during peak hours• Workplace charging host guidance• Leadership recognition



Rate Design and Demand Charges

The EV Roadmap will explore and recommend crafting a rate design and demand charge strategy that encourages EV adoption while mitigating adverse electric demand and costs and harnesses the benefits of EV flexible load capabilities.



ZEVs beyond light-duty vehicles

The EV Roadmap will discuss emerging applications for medium- and heavy-duty vehicle and non-road electrification in order to identify cost-effective strategies that target transportation electrification opportunities beyond light-duty vehicles including fleet and freight applications.



Planning forward with VW EVSE

As a part of the Volkswagen settlement, Connecticut has been allocated almost \$56 million for use towards offsetting the excess oxides of nitrogen (NOx) emissions caused by VW's actions. DEEP's plan for the allocation of VW funds is set forth in the State of Connecticut Mitigation Plan and focuses on extensive mitigation projects to reduce NOx from a wide array of mobile sources. In accordance with a federal Consent Decree (Appendix D-2), Connecticut reserved up to 15 percent of these funds for electric infrastructure (EVSE).



EV Roadmap Timeframe

Action	Preliminary Timeframe
DEEP initiates EV Roadmap proceeding and notices scoping meeting	November 21, 2018
DEEP scoping meeting	December 14, 2018, at 10:00 a.m.
Comments due on proposed scope	December 20, 2018, by 4:00 p.m.
DEEP technical meeting	January 2019
DEEP issues draft EV Roadmap	March 2019
DEEP hearing on draft EV Roadmap	March 2019
Comments due on draft version EV Roadmap	March-April 2019
DEEP issues final EV Roadmap	April – May 2019



Written Comments

DEEP is accepting public comment on the proposed scope of the EV Roadmap proceeding through December 20, 2018, by 4:00 p.m. EST. Written comments may be filed electronically on DEEP's website [www.ct.gov/deep/energy] or submitted to DEEP.EnergyBureau@ct.gov

All materials submitted by stakeholders in this proceeding will be posted on DEEP's Energy Filings website [[http://www.dpuc.state.ct.us/DEEPEnergy.nsf/\\$EnergyView](http://www.dpuc.state.ct.us/DEEPEnergy.nsf/$EnergyView)] under the matter "EV Roadmap."

Any questions can be directed to Debra Morrell at DEEP.EnergyBureau@ct.gov.

