

# **Scenes from the NorthEast Electric Vehicle Symposium**

## **EV Test Drives, Showcase, and Symposium on September 15th and 16th**

We would like to thank everyone who joined us for the NorthEast Electric Vehicle Symposium (NEEVS).

Sunday attendance was approximately 250 for the EV showcase, test drives, and stage presentations. About 200 test drives were given. Another 80 or so joined us on Monday for the presentations.

### **Thank you to our sponsors for generously supporting this event:**

**Gold Sponsor: BMW**

**Silver Sponsors: Live Green CT, EVNoire, West Electric, Eastern Mechanical Services**

**Bronze Sponsors: New Haven Clean Cities, Leifer Properties, Ikea, Inductive Autoworks, Earthlight Energy Solutions, Capitol Area Clean Cities, Connecticut Green Bank, Flux Marine, Tecknow, Alfa Romeo of Westport, Hotel Marcel, Ikea, Conservation Law Foundation, Pirelli and Susan Vanech Properties/Compass Coastal.**

### **Photos from the Event:**















Labels: Row 1 – Daphne Dixon, Claire Abate of Live Green CT; Alpha Romero Tonale, Rich Jordan of CT Tesla Club with attendee

Row 2 – Bryce Jones of Pirelli Tires; BMW iX, i5, i4 for test drives; Phil Levieff, Analiese Mione, Dawn Henry, Demetri Spantidos, Daphne Dixon, Barry Kresch

Row 3 – Rivian E-Van, Battle EV Garbage Truck, Analiese Mione, Brandon Smith

Row 4 – Flux Marine e-boat, EV Club booth, Westport Police with Tesla Model 3 and Y patrol cars

Row 5 – Jon Untied of Inductive Auto, Tesla Cybertruck ready for tailgating with TV and cold drinks, Barry Kresch and Charles Rothenberger of Save the Sound

Row 6 – EV truck from Battle; Panelists Mike Ferrell, Sharon Huttner, Mike Frisbie, Stephan Hartmann, Iline Mirkine; Daphne Dixon

Row 7 – PURA Chair Marissa Gillett, New Haven Mayor Justin Elicker, Team Earthlight

Row 8 – Brandon Smith; Flux Marine, Dawn Henry, Demetri Spantidos, Bruce Becker

Row 9 – Paul Braren, Rivian R1S, Maxwell e-shuttle

---

# Final Conference Agenda for NEEVS

## NorthEast Electric Vehicle Symposium Set for September 15th and 16th

We thank our Gold Sponsor: **BMW**



## Sunday – EV Test Drives

Sunday will feature test drives with 10 EV models:

- BMW i4, i5, iX
- Tesla Cybertruck



- Rivian R1T, R1S
- Alfa Romeo Tonale
- Kia EV6, EV9, Niro

## Sunday – EV Showcase

There will be a showcase with approximately 50 vehicles. These include many late-model EVs, such as a BMW i7 and a Tesla Model X, an electric garbage truck used by the City of New Haven, and 2 electric police patrol cars from Westport.

## Sunday – “Sage on a Stage” Short Presentations

We will be using the bed of an electric pickup truck as our stage! Here is the agenda.

<b>Presentations</b>	<b>Speakers</b>	<b>Time</b>	<b>Repeat Time</b>
EV Road Tripping	Out of Spec Dave	12:15	2:00
Installing a 240 Volt Charger at Home	Ed West, owner of West Electric	12:30	2:15
How are EV tires different	Bryce Jones of Pirelli Tires	12:45	2:30
How Does Owning an EV differ from ICE	Paul Braren, EV Club CT	1:00	2:45
Purchase Incentives – IRA and CHEAPR	Barry Kresch, EV Club CT	1:15	3:00
ICE to EV Conversions	Jon Untied, Inductive Automotive	1:30	3:15

How Clean Cities Can Help Businesses, Municipalities, and Residents Go Electric	Daphne Dixon, Paul Wessel, Craig Peters	1:45	3:30
---	---	------	------

## Monday Policy Symposium

- 9:00 – New Haven Mayor Justin Elikor welcomes attendees
- 9:15 – Rep. Jonathan Steinberg introduces Marissa Gillett
- 9:25 – Marissa Gillett, Chair, Public Utilities Regulatory Authority discussing transportation electrification and the equitable modern grid
- 10:15 – Claire Coleman, CT Office of Consumer Counsel
- 10:45 – Break
- 11:00 – Moderator Matt Ferrell of the YouTube Undecided Channel leads a panel discussion of people from a municipality, condo association, commercial enterprise, and an installation contractor, who describe their experiences navigating incentives, wrangling the utilities, and other challenges. This is a ground-truth level look at the intersection of policy and lived experience.
- 12:00 Lunch
- 1:00 – Brandon Smith of EVNoire discusses how workplace charging promotes fair access to EVs.
- 1:45 – Daphne Dixon of Live Green CT discusses Model EV Zoning Regulations that have been developed in concert with the federal Department of Energy.

This is a free event. The location is the Hotel Marcel in New Haven. Free registration is [here](#).

---

# BMW, Tesla, Rivian Test Drive Vehicles Confirmed for EV Club Conference

## BMW Signs on as Gold Sponsor

They will offer test drives of the i4, i5, and iX battery electric vehicles. There will be an i7 on display in the showcase.

In addition to BMW, we have confirmation for the Rivian R1T and R1S, as well as Tesla Model 3 and Model Y. We are working on a couple of others.

There will also be a Tesla Cybertruck and a Rivian e-delivery van in the showcase. Amazon has purchased 100,000 of these vans and Rivian is using them for mobile service.

Test drives are offered on Sunday, September 15th, from 12-4PM. The event is being held at the Hotel Marcel in the Long Wharf area of New Haven. Here is the event page with registration link for the [NorthEast Electric Vehicle Symposium 2024](#).



# NEEVS

## NORTHEAST ELECTRIC VEHICLE SYMPOSIUM



**WHEN**  
Sep. 15-16, 2024

**WHERE**  
Hotel Marcel  
New Haven, CT

Learn More  
and Register  
**HERE!**

NEEVS - the ultimate gathering for consumers new to EVs, EV enthusiasts, policy makers, and all who seek expert guidance on driving electric. Families welcome!

**FREE ADMISSION!**

### GET BEHIND THE WHEEL!

- BMW i4
- BMW i5
- BMW iX
- Rivian R1T
- Rivian R1S
- AND MORE!

Be among the first to test drive the  
**Tesla CYBERTRUCK!!**

**EV Showcase - 25+ EVs on Display!**

### EDUCATION

**SUNDAY**  
**12PM - 4PM**

EV showcase: meet and learn from owners

**EV test drives to experience an EV**

"Sage on the Stage" presentations every 15 minutes

### POLICY

**MONDAY**  
**9AM - 3PM**

Policy oriented presentations and roundtable discussions

Navigating charger/solar installation, incentives and utility programs

Catered lunch and networking

### SPEAKERS

Marissa Gillett, Chairman of PURA

Claire Coleman, State Office of Consumer Counsel

Brandon Smith, EVNoire, on accessibility of charging in distressed communities

Matt Ferrell of YouTube channel Undecided

Thank You to Our Sponsors & Partners!



# Northeast Electric Vehicle Symposium Recap

Photo at top taken under one of the solar canopies at the Hotel Marcel with the building in the background, from left to right: Daphne Dixon – Live Green CT, Paul Wessel – Greater New Haven Clean Cities, and Analiese Mione, Barry Kresch, Bruce Becker, and Paul Braren from the EV Club who organized the symposium.

## “Sold-out” Conference

Well, it was free, but there was more interest than we were able to accommodate and we had to close registration. Early feedback has been extremely positive, such as this message:

“I attended the NEEVS yesterday and had a fantastic time. What a great lineup of speakers/presentations and lots of fun at the car show as well! I’m looking forward to future symposiums in the coming years. ... Again, I had a great time at the symposium (and the lunch was incredible).”

We would like to thank our sponsors: Live Green CT, Greater New Haven Clean Cities Coalition, EVConnect, Maxwell Vehicles, and ChargePoint, without whom we would have been munching on stale pretzels.

Of course, we also thank our attendees for joining us and being an engaged and interactive audience.

The Hotel Marcel provided excellent, eco-friendly hospitality. For anyone who may be nervous about switching from a gas to an induction cooktop, the quality of the food attested to how good induction cooking can be. Even the chafing dishes were induction.

We’ve had some comments about how a small committee was able

to put together a jam-packed agenda in a short period of time. If anything, the challenge is less about finding content than winnowing it down to fit within our time parameters. As it was, our 3-hour speaker agenda took 4 hours with too little time for Q&A.

We want to give a shout-out to **Rich Jordan**, president of the CT Tesla Owners Club, for his help with the car show, to the Westport Police Department and their Model Y patrol car, and to Tesla for bringing vehicles for test drives.

## Converted EV Van



Hotel Marcel architect and developer, **Bruce Becker**, talked about how Maxwell Vehicles converted an ICE van to electric, using a salvaged Model 3 battery and drive train. This van gets a lot of use shuttling guests to downtown New Haven, Yale, Union Station, Tweed Airport, and other destinations.

## Out of Spec Dave

YouTube and X (Twitter) personality, **Out of Spec Dave** from Greenwich, CT, talked about his adventures as a road warrior, having driven lots of different EVs and experienced the many faces of public charging. Not all of them are happy faces. Part of the charging experience is knowing before you get to a charger whether the charger is in service and how fast it is charging. There is a gap in the eco-system here. He has launched the "Rate Your Charge" newsletter. Take a video or photo of your charge, describe your experience, and tag @outofspecdave on Twitter. These are being compiled in a weekly report posted to Twitter. For those not on Twitter, use [this](#) Google Doc:

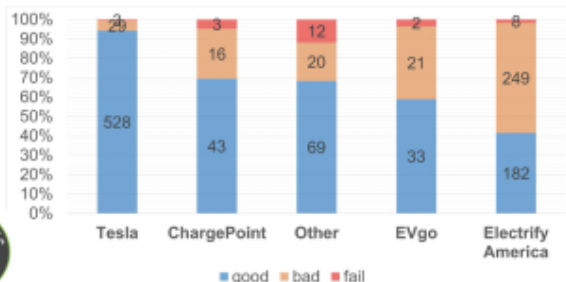


<https://docs.google.com/forms/d/e/1FAIpQLSd9nE1J0ulqidJNacpL230TdswnnaWBTjdGIaky3ffkHF6EA/viewform?pli=1>



## Be Sure To Check In Every Charging Session on Twitter (X): @rateyourcharge

Welcome to the monthly report! At the end of each month we publish a newsletter summarizing data from hundreds of fast charger check-ins from regular EV owners. We hold no affiliations with any network, operator, or hardware manufacturer. Our goal is to provide objective feedback and data to improve your EV charging experience. If you would like to participate, tweet us @RateYourCharge and include a video or picture with your charging experience. Alternatively, you can use our Google Form (<https://forms.gle/c834zmP9zf16ZqRC6>).



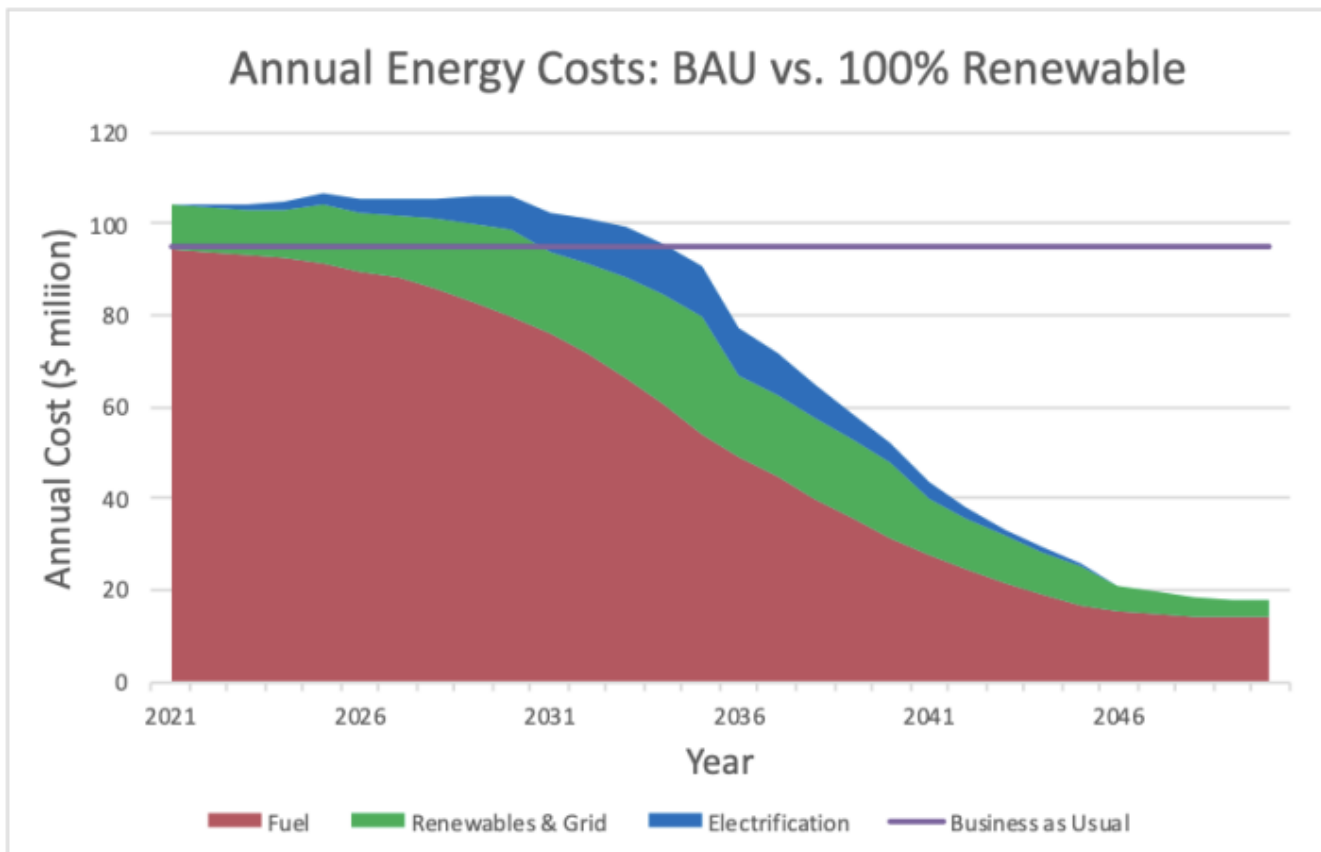
Of our 1218 check-ins, 560 were from Tesla, 439 were from Electrify America, 62 from ChargePoint, 56 from EVgo, and 101 from other operators.

**Tesla** kept its first place position as the most reliable network. They recorded the highest good check in rate of 94.3% and a very low failed check-in rate of only 0.5%. Their failed check-in rate is slightly higher than usual, but they are still extremely reliable.



## PACE

**Mark Scully** from People’s Action for Clean Energy (PACE) spoke about their program to help municipalities decarbonize and save money in the process. This slide illustrates the cost savings projected in a transition to renewables.

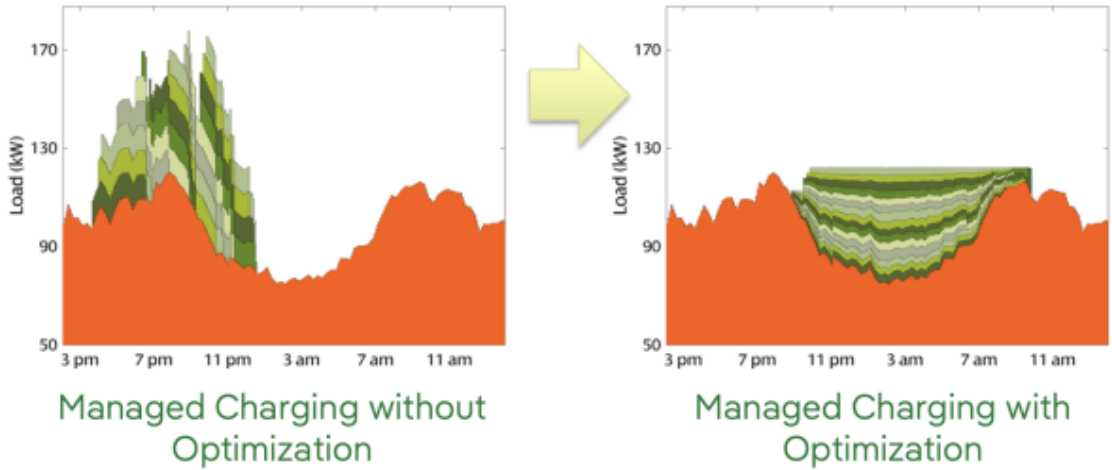


## United Illuminating

We get many questions regarding whether widespread EV adoption will crash the grid. While the grid does need to be modernized (and the Public Utilities Regulatory Authority has a grid modernization docket), **Rick Rosa** from Avangrid/UI discussed using EVs to optimize the grid. This slide is an example of optimization vs curtailment. EVs will be beneficial to the grid for the foreseeable future and, as such, there are incentives for EV owners to participate. See our [incentives page](#) for a more detailed description of the program with links to sign up for the residential or commercial incentives. This program is also offered by Eversource and it can offset the costs of buying and installing a 240 volt charger, as well as pay an ongoing incentive to participate in their managed charging programs.

# Managed Charging

## Load Optimization



# Zoning for EV Readiness

Daphne Dixon of Live Green CT, who has done a lot of work with municipalities, gave a presentation that illustrated the complexity of zoning for EVs but also highlighted the significant benefits as noted in the example below.

## EV Zoning Regulations Opportunities



Lighting Requirements

Safety



Security Cameras

Decrease crime



Overhead Coverage

Ability to charge in inclement weather



Permitted use of advertising screens

Maintain character of neighborhood



Proximity to Services

Improved experience and benefit to local merchants



EV zoning regs that provide for those who do not have access to overnight charging

Prioritizing equity

# All Electric, Zero Emission Home



**Paul Braren** provided a detailed description of his journey to create an all-electric home (solar roof seen in the photo, powerwall/VPP, 2 EVs, insulation for home and windows, heat pumps, smart panel, electric garden tools) and capture the available incentives. It has been a complicated road. This links to his full [presentation](#).

## IRA Transfer Provision

In his update on incentives, EV Club President, **Barry Kresch**, discussed the implementation of the transfer provision in 2024, and how it changes a tax credit into a point of sale rebate.



## Transfer Provision - 2024

### Turning a Tax Credit Into a PoS Rebate

- Disadvantages of a tax credit
  - Waiting for it
  - Requires tax liability to use it (no carry-forward)
  - In 2023, non-taxable entities must file for direct pay
- Transfer
  - Buyer transfers tax credit to the seller (dealer or manufacturer)
  - Buyer receives the tax credit as a point-of-sale rebate/seller reimbursed by Treasury
  - Applies to consumers, taxable, and non-taxable entities



## Advanced Clean Cars II

CT is a participant in the California Air Resources Board emissions requirements. It is now in the process of implementing the second phase of these regulations, commencing in 2027 through 2035. The rules require manufacturers to sell increasing amounts of zero emission light-duty vehicles, reaching 100% in 2035. There is a separate set of regulations that would significantly lower emissions for medium and heavy-duty vehicles during this same period. **Charles Rothenberger**, Climate Attorney for Save the Sound, explained these regulations. The legislature has authorized CT DEEP to proceed with the required multi-step process. The slide below shows where we are and the remaining steps.



## Approval Process

- Agency Issues Notice of Intent and Proposed Regulations (July 21, 2023)
- Public Comment Period (July 21, 2023 – August 30, 2023)
- Public Hearing (optional) (August 22, 2023)
- Agency Prepares Comment Response Document (In Process)
- Agency Issues Notice of Decision
- Proposed Regulations Sent to Attorney General for Review
- Proposed Regulations Sent to Legislative Regulations Review Committee for Approval
- Approved Regulations Sent to the Secretary of State for Publishing and Codification

There is some concern that when the rules go back to the legislature, in which a bi-partisan review committee is supposed to examine them for legal sufficiency, that there may be an effort by opponents to short-circuit the approvals process. More on that to come.

We hope you see you next time!!!

---

## Northeast Electric Vehicle Symposium (NEEVS)

**The Symposium is Sold Out – People Can Still Come for the Car Show**

**Get charged up at NEEVS, the ultimate gathering for EV enthusiasts, policy wonks, and all who seek cutting edge guidance on decarbonization.**

Please join us at the first annual [Northeast Electric Vehicle Symposium \(NEEVS\)](#) at [Hotel Marcel in New Haven](#) on September 9, 2023. EV enthusiasts, electrification and decarbonization advocates, sustainability volunteers and professionals, municipal employees, real estate owners and developers and policy wonks are invited to join us.

**Bruce Becker is the lead architect and owner/developer of Hotel Marcel in New Haven, the country's first zero emissions and Passive House hotel, and Chairman of the EV Club of CT.** Bruce will welcome guests as they enjoy a light buffet lunch, and briefly share his approach to hotel e-mobility at Hotel Marcel. Guests have access to Tesla Superchargers, Level 2 chargers under a solar canopy and a custom electric shuttle van.



You will learn firsthand from expert guest speakers about:

1. Hotel Marcel's guest experience in e-mobility,
2. The state of public EV charging and opportunities for improving it,
3. The latest updates in state and federal EV/EVSE incentives and V2G,
4. Best practices for transitioning vehicles and homes to all-electric,
5. How to move municipalities to 100% clean, renewable energy,
6. The societal and environmental benefits that proposed regulations for light, medium and heavy-duty vehicles under Advanced Clean Cars II (ACC II) provide for Connecticut.
7. Zoning for EV readiness

**Date: September 9, 2023**



**Hours: 12:00-4:30**

Buffet Lunch: 12:00

Presentations: 12:00-3:00

Networking and Car Show 3:00-4:30

**Host:** Hotel Marcel, 500 Sargent Drive,  
New Haven, CT 06511

**Organizer:** EV Club of CT

**Partner:** Tesla Owners Club of CT

**Thank You to Our Generous Sponsors:** [Hotel Marcel](#), [Live Green CT](#), [EV Connect](#), [Chargepoint](#), [Maxwell Vehicles](#), and the [Greater New Haven Clean Cities Coalition](#).



**evconnect**

**-chargepoint+**



**GREATER NEW HAVEN**  
**Clean Cities Coalition**

Contributing to 21st-century clean transportation for all



**MAXWELL**



## Speaker Schedule:

**12:00-12:15: Welcome address from Bruce Becker, lead architect and owner/developer of [Hotel Marcel New Haven](#) and Chairman of the EV Club of CT.** Guests will be treated to an overview of the [e-mobility customer experience](#) at Hotel Marcel, the country's first zero emissions and Passive House hotel.

**12:15-12:45: [Out of Spec Dave](#) will share his experiences charging his EVs at various public charging stations, sometimes across long distances, to map the current state of publicly-available EVSE and how the customer experience can be improved to accelerate EV adoption.**

**12:45-1:15 Mark Scully, President, [People's Action for Clean Energy \(PACE\)](#) will present their model for decarbonizing at the municipal level. PACE is an all-volunteer public health and environmental organization formed in 1973 by a group of concerned Connecticut citizens to promote the development of clean energy, encourage energy efficiency and conservation and**

challenge Connecticut's commitment to nuclear power. Over many years, PACE has engaged in education, outreach and advocacy on clean energy issues. PACE is committed to developing a pathway to a 100% renewable future, free of fossil and nuclear fuels. PACE is the largest all-volunteer organization in CT working on these issues, and is a non-profit 501(c)(3) organization.

**1:15-2:05: Vehicle and home electrification panel discussion + Q&A with moderator [Barry Kresch](#), President, EV Club of CT, and panelists Paul Braren, owner of [TinkerTry](#) and an all-electric home, and Rick Rosa, Senior Manager for EV Programs and Products from Avangrid/United Illuminating.** Decarbonizing vehicles and the built environment requires working with a suite of incentives, electric utility programs, and equipment vendors. Learn about the latest [EV/EVSE incentives](#) and how the EDCs (utilities) are thinking about Vehicle to Grid (V2G) connectivity. Paul will share best practices and lessons learned from going all-in on his home remodeling by enrolling his Tesla Solar Roof and Powerwalls in Tesla's [Virtual Power Plant \(VPP\) with ConnectedSolutions program](#), powering two EVs utilizing [Managed Charging](#) and [Charge on Solar](#), maximizing efficiency and savings by installing a [SPAN](#) smart electrical panel and installing heat pumps for year-round comfort with no natural gas.

**2:05-2:30: [Charles Rothenberger, Climate & Energy Attorney, Save the Sound](#) will present highlights of the **Regulations for Light, Medium and Heavy-Duty Vehicles under [Advanced Clean Cars II \(ACC II\)](#)**. In July 2023, Connecticut became the latest state to initiate adoption of the Advanced Clean Cars II rule, which will benefit society by requiring manufacturers to increase sales of electric and other zero-emission models within the state over time, culminating with 100% of new sales being ZEV in 2035.**

**2:30 – 3:00: Daphne Dixon, Co-founder and Executive Director, [Live Green Connecticut](#) and Director, Connecticut SWA Clean Cities Coalition, will present about Zoning for EV Readiness,**



a must attend for municipal decision makers.



Hotel Marcel bar and dining room

**Networking and Car Show 3:00-4:30:** Enjoy beverages and food at the hotel bar while networking with other guests, and head outdoors to the lot adjacent to Hotel Marcel's Superchargers to enjoy the car show while networking with EV owners that are members of **Tesla Owners Club of CT, the EV Club of CT and the Westport Police Department.**



Hotel Marcel New Haven Superchargers with Teslas

**RSVP required:** [Register here.](#)

Interested in a sponsorship? Please email [evclubct@gmail.com](mailto:evclubct@gmail.com).

**Parking at the hotel is available to all. Club members that are participating in the car show, please register your vehicles for that portion of the event.**

**Guests may register for:**

**1) both event tickets: the symposium and car show (only if you're showing a car),**

**2) only the symposium (attending the car show is open to all registered symposium guests)**

**3) only the car show (if you're showing a car and will not be attending the symposium).**