

EMPOWER YOURSELF: **How to advocate for EV** **charging in your community**

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Webinar logistics

Everyone is muted to avoid background noise.

Send questions via Q&A box.

This webinar will be recorded and shared afterwards.

Our mission

To harness our power as energy consumers to speed the transition to a low-carbon future.





Source: NPR



Source: NPR



Source: NPR

We Need Climate Action Bigger, Faster, and Sooner to Avoid the Worst Outcomes Outlined in the Latest IPCC Report

By **Daniel Bresette** 

August 12, 2021

Drive Green

Join the electric car revolution.



[Learn More](#)

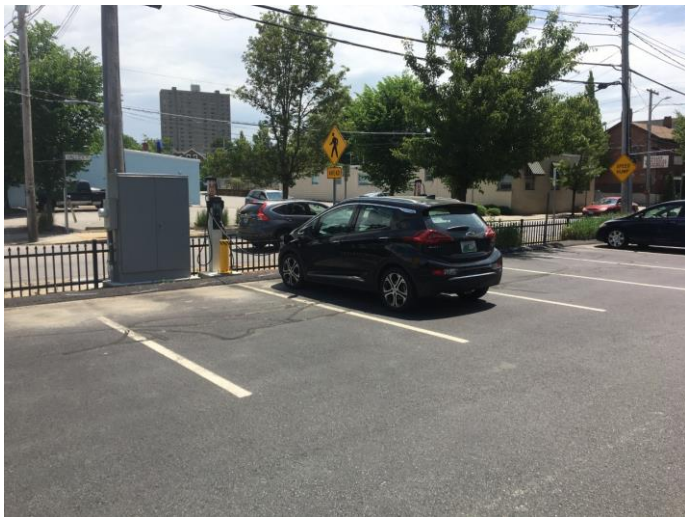
[Explore & Shop](#)

[Take Action](#)

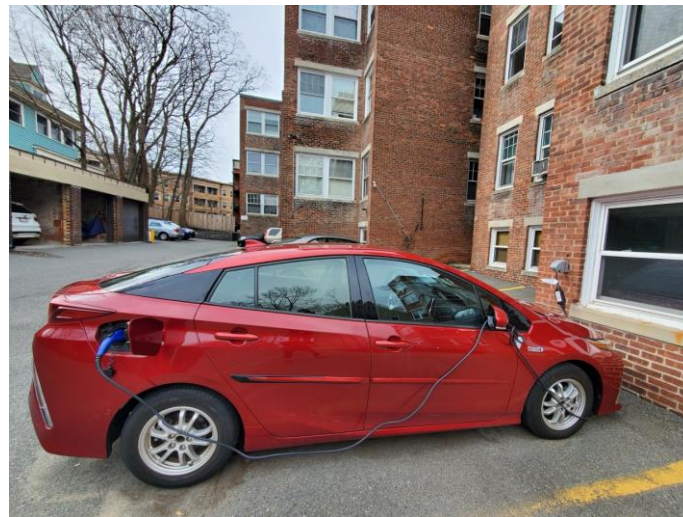


**The value of installing
EV charging at
apartments and
condos**

Disclaimer: Apartments and condos come in different sizes, with different decision-making processes and different parking management.



Multi-use office/apartment building with unassigned parking

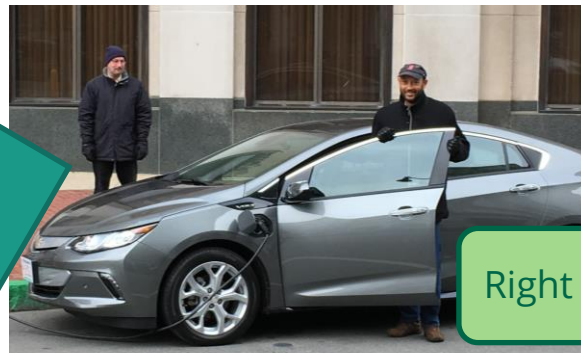


Apartment building with assigned parking & managed by landlord

EVs are possible for urban dwellers



Parking on the street
doesn't disqualify you
from owning an EV



Right of way charging



Destination charging

Charging at home is easy & convenient, but there are other solutions.

“With a quick search on Google Maps, I found that there were already a few charging stations around in town in Northampton: at the fire station, the People’s Bank next door to my gym, and next to Bombay Royale, which is just a five minute walk from my apartment.”



Why I Leased A Chevy Bolt Instead of Keeping My Malibu

What's the problem?

Condos often have trouble charging because individual unit-owners share an electrical system.

Apartments often have trouble charging because renters have less leverage and are less likely to invest in installation.



Education

What are EVs?

Consideration

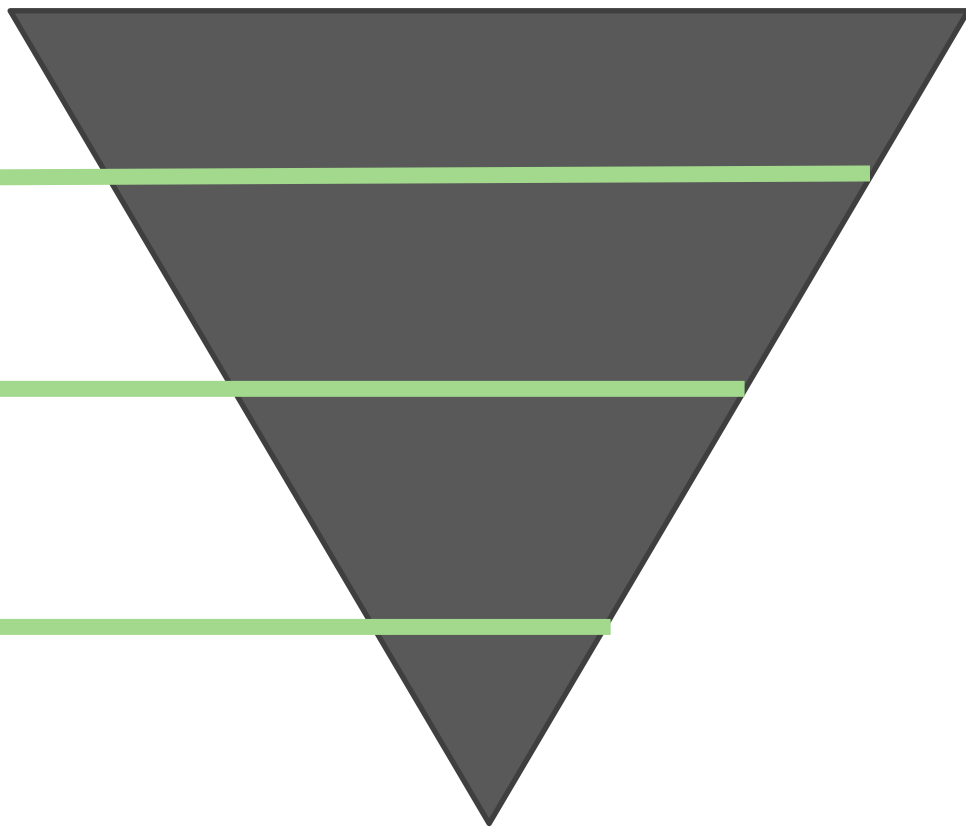
Why should I engage?

Planning

How can we make this work
for us?

Implementation

What is our action plan to
make this happen?



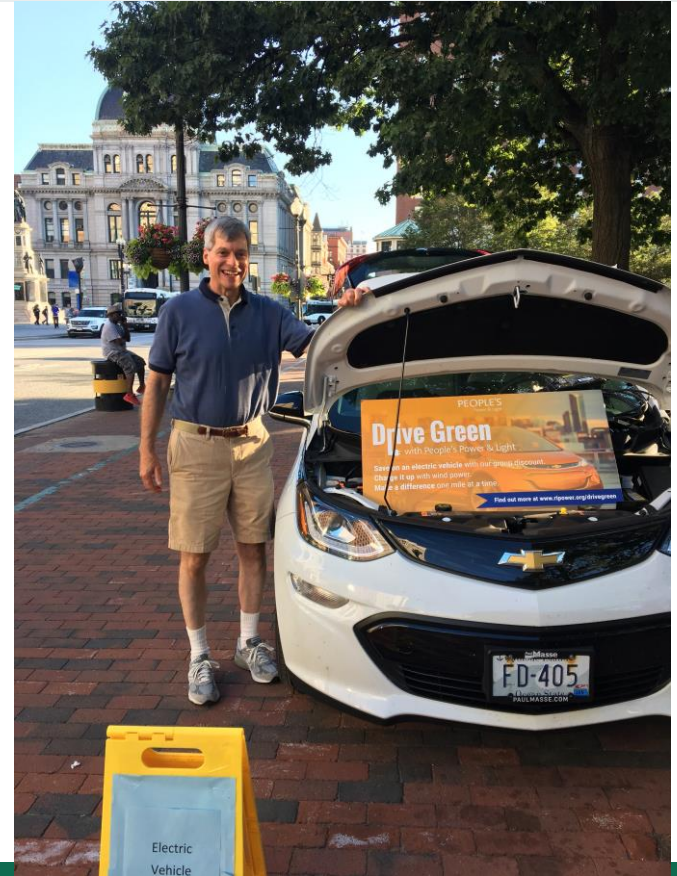
1. Find allies.

- Do other people in your building want charging? Might they consider an EV?
- Talk to your neighbors:
 - Host (or promote) an EVs 101 event
 - Distribute information on a newsletter
 - Survey
- Allies are particularly helpful in condos, where joint decisions must be made.



2. Education

- Present resources and info to the decision-maker
- As a tenant/owner of a unit, you have an “in” to the community. You can make the connection!



Multiple levels of engagement



Larger impact

Start or join a local EV task force
Host your own EV training or information session
Present EV charging plan to building decision-makers

Ask Drive Green to present at a community group meeting
Organize your neighbors interested in EVs

[Join the Drive Green Facebook Group](#)

[Sign the "My next car will be electric pledge"](#)

Invite 3 friends, family members, or neighbors to EVs 101

From a property manager in RI:

“Our interest [in EV charging] started with the request of a large office **tenant who found an incentive program to pay for the stations.**”



Incentives to install charging:

Massachusetts:

MassEVIP Multi-unit Dwelling & Educational Campus Charging incentives -

Offered by the MA Department of Environmental Protection to cover 60% of hardware and installation costs to a maximum of \$50,000 per street address. Multi-unit dwellings with five or more residential units are eligible.

Learn more: mass.gov/how-to/apply-for-massevip-multi-unit-dwelling-educational-campus-charging-incentives

Utility Make Ready - Programs offered by electric utilities that cover 100% of the cost of infrastructure upgrades for charging station installation. Incentives are available for multi-unit dwellings, workplaces, publicly-accessible parking spots, public transit stations, and other sectors. Your property must be in a utility's service territory to be eligible.

National Grid: Learn more at nationalgridus.com/MA-Business/Energy-Saving-Programs/Electric-Vehicle-Charging-Station-Program

Eversource: Learn more at eversource.com/content/ema-c/residential/save-money-energy/explore-alternatives/electric-vehicles/charging-stations

Alternative Fuel Infrastructure Tax Credit - Fueling equipment installed before December 31, 2021 is eligible for a tax credit of 30% of the cost, not to exceed \$30,000.

Learn more: <https://afdc.energy.gov/laws/10513>



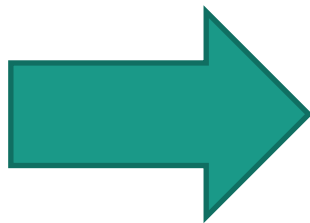
3. Create a Plan.

Questions that may arise:

- Who pays for the cost of installation?
- Who's responsible for moving the project along?
- How to install charging if there are assigned parking spots?

An experienced EV charging vendor or a charging program manager at your utility company can help answer these questions.

Our guide can help you start to identify possible solutions for your site.



What charging equipment is best for my property?

LEVEL 1

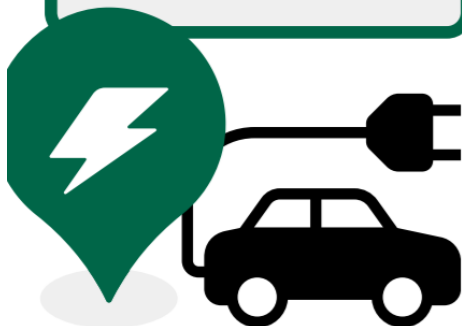
Best in parking spaces where vehicles dwell for 8+ hours. Recharges 4 miles of driving range per hour plugged in. Least expensive to install and operate.

- Budget-friendly
- Accessible anywhere there's an outlet
- Good for buildings with assigned parking spots

LEVEL 2

Best where vehicles dwell for 1-8+ hours. Recharges 11-24 miles of driving range per hour plugged in, depending on the vehicle model. Best "bang for your buck" in terms of enabling EV adoption at moderate cost.

- More attractive to tenants
- Faster charging speed allows more sharing capability
- Good for large buildings with many tenants charging



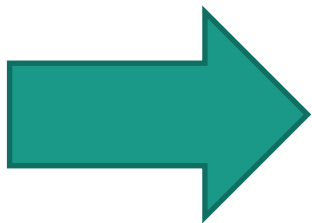
Non-Networked

- Cheaper equipment
- No advanced features (cannot support billing)
- Good for smaller buildings with limited charging demand

Networked

- Needs wi-fi connection
- Enables advanced management (data collection, billing)
- Can scale up to support more usage in a community with many tenants

Eversource's Preferred Vendor List



National Grid has a
list, too. [View it here.](#)

Installers		
Advanced Energy	James Quinn	413-526-9955
AETNA	Christopher Angelou	617-513-7153
Commonwealth Electrical	John Duquette	508-421-6600
DK Power	David Glaude	904-613-9363
EV Launchpad	James Penfold	603-828-2919
Horizon Energy	Tony Parente	401-265-1284
Northern Energy	Donald Robinson	508-393-7500
Revision Energy	Barry Woods	978-308-9041
RISE	Ralph Carroccio	800-422-5365 x6113
Universal Electric	Michael Quinn	413-788-9473
Voltrek	Kathleen Connors	978-378-0910
World Energy Efficiency Services	Michael Santangelo	860-716-5232

4. Find the “trigger”

- If shared cost is the issue, then the trigger can be availability of incentives. (More utility support coming in 2022 for Massachusetts!)
- If EV ownership interest is the issue, the trigger can be creating a group of people who are voicing support for the project to install charging.
- If expensive installation is the issue, then the trigger can be repaving the parking lot or other construction work that would coincide with the opportunity to install EVSE
- **Bottom line: if you have a plan, and EVSE is on the radar, then you can respond to an opportunity quickly**



FAQs



For large developments (~100+ cars), does anyone offer assistance in designing/envisioning EVSE for lots of vehicles simultaneously? What would that look like?

It seems EV tech is evolving rapidly and dramatically. In regard to "long term planning", how future-proof do you think today's implementation is? And for that matter, is today's implementation likely to be considerable over-kill for the future?

I serve on the board of a 65-unit, 15-building townhouse condo, with all owner-occupied units with a single assigned garage spot, plus a single outside unassigned spot per unit. All underground service. Help!

Aside from installation expense, is it possible to meter electricity use so each resident can pay their share of electricity costs?

Resources:

- [Guide to installing EV charging at apartments and condos](#)
- [Recording: “The value of installing EV charging”](#)
- [One pager – Electric cars are coming. What apartment and condo managers need to know](#)
- [Guide to installing EV charging at home](#)
- Your utility company – [National Grid](#) & [Eversource](#) have incentives available
- [Massachusetts EVIP](#) incentives

National Drive Electric Week: Sept. 25 – Oct. 3



NDEW 2021 SCHEDULE



SEPTEMBER

26
sunday

DRIVE GREEN @ THE PARK

11:00 AM

We are kicking off National Drive Electric Week in Rhode Island with Drive Green @ the Park. Meet us at Goddard Park in Warwick to celebrate cleaning the grid with electric transportation!

27
monday

ELECTRIC VEHICLES 101 WEBINAR

7:00 PM

Curious about getting an electric vehicle (EV), but not sure where to start? Join us for our popular Electric Vehicles 101 webinar to learn the basics! We'll cover environmental and consumer benefits, information about batteries and more!

28
tuesday

WOMEN AND EVS WEBINAR

7:00 PM

We're spotlighting women in the electric vehicle community! This is a chance for people who are underrepresented in the industry to talk about their experience making the switch to an EV. Come to hear their stories and join the conversation!

29
wednesday

CHARGING WEBINAR

7:00 PM

Join this hour-long webinar presented by Drive Green to learn everything you need to know about EV charging so that you feel ready and confident to make your next car electric. There will be plenty of time to ask questions.

OCTOBER

09
monday

VISIT A WIND FARM

11:00 AM

Join Green Energy Consumers to learn, visit, and even go inside and explore one of 9 wind turbines at the WED Farm in Coventry, RI. Hear the story of the wind farm's history and technology, plus how our Green Powered program supports a part of the farm.

Questions?

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