

Montgomery County EV Purchasing Cooperative Pilot Program



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Following the presentation you should be familiar with:

1. **Montgomery County's Electric Vehicle (EV) Purchasing Cooperative**

The EV Pledge and what's the goal

1. **Basic Electric Vehicle (EV) and EV charging knowledge**

2. **The EVPC's web resource hub**

www.MontgomeryCountyMD.gov/ZEV

3. **Incentives available to potential EV buyers/lessors**

4. **The benefits of connecting with Electrified Dealers**

Montgomery County EV Purchasing Cooperative Pilot Program

Towards achieving the greenhouse gas (GHG) emissions-reduction goals outlined in the County's Climate Action Plan (80% reduction by 2027 and 100% by 2035), Montgomery County has initiated the first phase of the EV Purchasing Cooperative (EVPC) for *residents and businesses*.

Highlights:

1. A local community of **EV experts and drivers**
2. Connections to the **Electrified Dealer Program**
3. Resources on **EV driving, charging, and basic EV technology**
4. Other **incentives and 'perks'** offered by participating businesses
5. **Reliable, localized and up-to-date information** on EV resources, incentives, discounts and best-practices for both new and pre-owned EVs

Montgomery County EV Purchasing Cooperative Pilot Program

The imperative call to action for Montgomery County residents and businesses:

Commit to make your next car an Electric Vehicle!

Take the **EV Pledge** on our website: www.montgomerycountymd.gov/zev

In this first phase of the EVPC, we are soliciting EV purchase pledges that will **demonstrate demand for EVs**. As the EVPC evolves, we can leverage this purchasing power to negotiate favorable EV purchase incentives.

Optional section of the pledge allows users to share details with participating **Electrified Dealers**, who are trained and prepared to provide them with an enhanced EV purchasing experience.



Available on the EVPC Resource Hub

www.MontgomeryCountyMD.gov/ZEV

1. [2022 EV Buyers' Guide](#) – available models, both PHEV and EV
1. [At Home Charging Guide](#) – demystifies EV charging
1. Guidance on available [federal, state and local utility incentives](#) to support EV adoption (tax incentives, rebates, rates) – for residents and businesses
 - i. Guidance on [EV charging equipment installation](#)
1. The [EV Pledge](#), which residents and businesses can take to affirm their intention to make their next vehicle purchase an EV
1. List of participating [Electrified Dealers](#) – who offer enhanced EVs sales service

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7. Map of charging stations near your location ([PlugShare](#))
8. Participating local businesses who are offering 'perks' or other incentives to new and current EV drivers
9. Frequently Asked Questions
10. Local EV driving content on EV models, charging resources, and best practices

At-Home Charging Guide

ELECTRIC VEHICLE HOME CHARGING 101



TYPES OF CHARGING

LEVEL 1



5 miles of range per charge hour*

Simple and convenient option for vehicles with a smaller battery (i.e. PHEVs) or shorter commutes.

Use existing 120V outlets and the stock charger that comes with the EV for overnight charging.

LEVEL 2



~25 miles of range per charge hour*

Faster charging for added convenience and flexibility in daily driving.

Great for longer commutes or recharging mid-day.

LEVEL 3



Up to 80 miles of range per 20 minutes of charge*

Not available for home charging.

TELL ME MORE ABOUT LEVEL 2 CHARGING

There are two kinds of Level 2 chargers - smart chargers and non-networked chargers.

SMART CHARGERS

Smart chargers allow users to start and stop charging remotely and track energy usage and battery status. They also integrate with smart home technology.

NON-NETWORKED CHARGERS

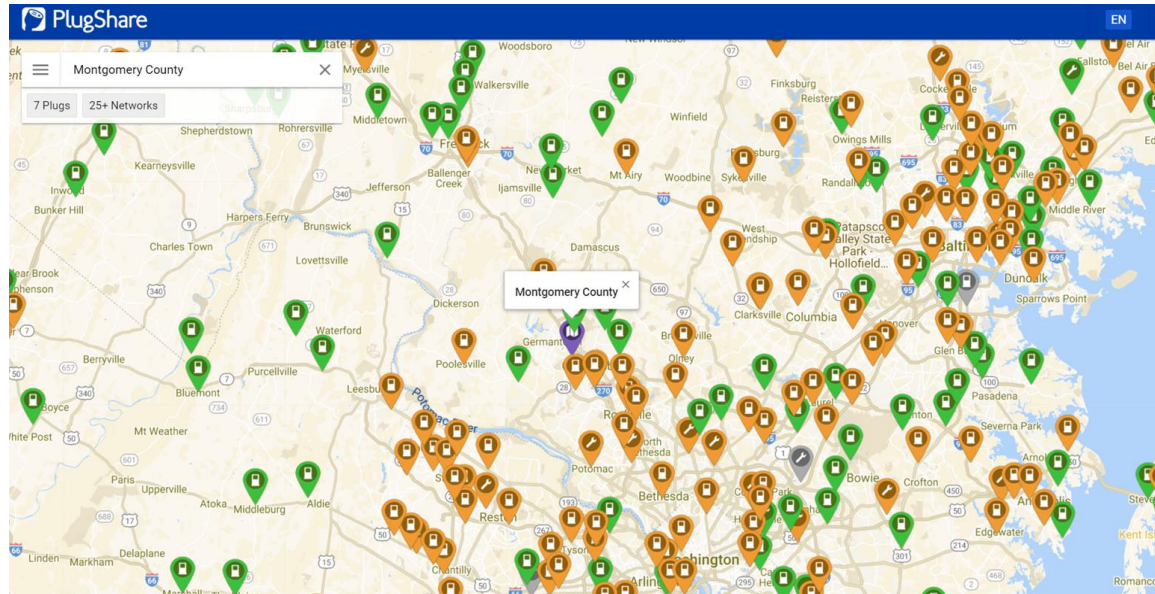
Non-networked chargers cannot be managed remotely but ultimately offer a simple and budget-friendly option. Many vehicles come with stock Level 2 chargers - similar to standard Level 1 chargers that all vehicles come with.

WHAT DO I NEED TO GET A LEVEL 2 CHARGER?

PlugShare EV Charging Map

This tool will help locate EV charging infrastructure near you!

Shows where chargers are within their community and helps EV drivers begin mapping and planning charging stops.



Electrified Dealer Program

The **Electrified Dealer Program** positions local dealers as “EV Experts,” providing the best possible consultation to residents for navigating the EV market.

Through this program, the EVPC will support current sales efforts and expand business for participating dealerships. The web resource hub offers a comprehensive list of county dealers who are participating in this program, we are onboarding more dealers as they express interest.

Please refer interested EV buyers to this source for local EV purchase opportunities and up to date news on the EV market!

Benefits for Dealers:

- Free promotion and opportunity for community leadership
- An increase in foot traffic to dealer locations, and to dealer website
- EV Sales leads
- Additive staff EV Sales training, including reviewing of available incentives and local resources for customers

Federal, State, and Utility Incentives:

Please refer individuals to our web resource hub for the most up-to-date information

- Federal Income Tax Credit: Up to \$7,500 for qualifying vehicles
- Federal EVSE Credit of up to 30%/\$1,000 for EV charging equipment
- Maryland State rebate for EV charging equipment and installation, for residents and commercial applicants.
- Unrestricted HOV Lane access (with MVA permit)
- EV charging equipment rebates and/or Time-of-Use rates from electric utilities (BGE, Potomac Edison, Pepco)
- Financing for EVSE available through the Montgomery County Green Bank

Questions?

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