



This document contains feedback from the public for the **Electric Vehicle (EV) Inventory & Preliminary New Location Study**. The MPO had an online forum, and two Virtual Open House Meetings (see below). We also received an email regarding this project.

The MPO hosted a Virtual Open House for the Project- Electric Vehicle (EV) Inventory & Preliminary New Location Study. Public Comment Dates were June 18th - July 5th 2024. There were two Virtual Online Public Meetings as listed below.

*Meeting One:*

*Date: June 25, 2024, Tuesday*

*Time: 3:00 PM - 6:00 PM*

*Meeting Two:*

*Date: July 1, 2024, Monday*

*Time: 3:00 PM - 6:00 PM*

Names have been redacted to protect those who provided feedback.

1. **Gentleman:** Participated in July 1<sup>st</sup> Open House for EV. He suggested putting chargers in areas of business such as parks (Cooper's Rock). Purdum pointed out that when travelling, especially in rural areas, it is difficult to find charging stations. With all of the tourism from WVU Parents, it would be smart to have chargers they can use to explore Morgantown. He also mentioned snowbirds as part of the tourism. Purdum asked about who will maintain the charging stations, suggested finding a group of people who have EV's to get advice, and how fire safety is an issue. Fires from EV are much different, and need a specific type of fire retardant. Purdum and his wife have a hybrid car.
2. **Woman:** Participated in July 1<sup>st</sup> Open House for EV. She wanted to know how Staff chose WVU locations. Staff stated they used federal tools that provided a certain number of chargers that should be at a hospital/educational location.
3. **Gentleman:** Email on July 1<sup>st</sup> stating, "Greetings, I'm working on a letter to the editor to the Dominion Post about how there's no DC fast charging for Non-Tesla EVs in Morgantown. While there are a handful of chargers, none of them serve non-Tesla cars for high-speed charging. I missed the meeting today, as I didn't know this organization existed. I'd love to be able to access a transcript. Did the planning committee discuss EV charging? Were any solutions proposed? Thanks in advance.

MPO Staff Responded:

"Hi, Thanks for reaching out to us. While the meeting is over, all the information is on the MPO's open house page: <https://www.planttogether.org/openhouse>, where you will find the draft report, a recorded presentation, the concept map, and other supporting documents. We would appreciate it if you could complete the survey on the web page. Public comments are important for us to understand the community's needs and opinions. There is no transcript for yesterday's meeting, as the meeting was not recorded. It was more like a casual talk meet-up with people come and go. Regarding DC Fast charging ports, I believe one of the reasons could be DC fast charging requires much higher grid capacity to ensure all the DC fast ports can be used at the same time. The market feasibility of gaining such capacity may be low at the moment for those private companies. In this study, we identified the need for 14 public DC Fast ports for retail areas and 9 for recreation centers in the Morgantown Monongalia urban area, using an online tool provided by the Department of Energy. Regarding Non-Tesla EVs, for public charging stations that we are planning for in this study, the port compatibility is governed by federal regulations, if the federal dollar is used. Please let me know if you have other questions or comments."

Submission Time	Comments	Residence	Vehicle Own	Which public EV charging station locations are most important for you?
2024-07-17T16:33:31Z		Yes	Yes	["Retail stores", "Recreation / community center", "Transit station, airport, park & ride"]
2024-07-05T17:46:29Z	Morgantown's lack of charging infrastructure makes me embarrassed to live here.	Yes	Yes	["Retail stores", "Recreation / community center", "Hospital / doctor office", "Schools / WVU campus", "Transit station, airport, park & ride", "Office, employment center"]
2024-07-10T18:48:18Z	I have reviewed the Draft EV Study for the MMMPO and I approve and support the findings in the document.	No	No	["Retail stores", "Recreation / community center", "Hospital / doctor office", "Schools / WVU campus", "Transit station, airport, park & ride", "Office, employment center"]
2024-08-05T23:02:04Z		Yes	Yes	["Recreation / community center", "Schools / WVU campus"]
2024-07-10T23:44:31Z	<p>Thank you for the informative report and online seminar. You've done a great job quantifying the needs of BEV/PHEV owners on the actual locations and types of charging stations. As noted in the meeting, the actual number of BEV/PHEV's in the area is under-represented by the government's data set. Just anecdotal information based on visual observation tells us there are many Tesla owners in our part of Morgantown and a smaller number of Jeep PHEVs, Hyundai IoniQ, Tucson, and Santa Fe's. We've seen a few Mercedes EQE's. This brings forth the question of the type of charging stations needed. Another success of your study – the understanding that charging stations have to be different numbers of Level 2 and Level 3 chargers. The required electric load calculations will be critical to success. Even though you don't see many fire suppression systems around charging stations, there should be some thought given to at least extinguishers in some confined areas. Then there is the maintenance of the charging station itself. A few suppliers of these systems allow remote monitoring. If you've traveled about the nation looking for a charging station that is available for charging, it can be a challenge due to reliability concerns. Many business owners are reluctant to participate in the maintenance of the charging station, so thought should be given to using a plan that includes a maintenance plan. Then there will be a need to manage the charging availability. Quite often you will find that EV owners will not move their car once charging is completed. This has been resolved by some charging stations that give you a hour to move your vehicle, after your car is completely charged, before they begin to charge a high per/hour rate. The most valuable part of your meeting was the idea to have another meeting of EV owners to gather input. Thank you for your effort.</p>	Yes	Yes	["Retail stores", "Recreation / community center", "Hospital / doctor office", "Schools / WVU campus", "Office, employment center"]
2024-07-07T12:30:39Z	<p>I have owned a Chevy Bolt for seven years. So far I have only charged it in my garage. Personally I won't ever need a charging station in Morgantown.</p> <p>However, I would like public charging stations in places where I might make a long distance trip, like Pittsburgh. Therefore I expect there are visitors from elsewhere who would be more likely to visit Morgantown if there were public charging stations at places they would stop, like the waterfront.</p> <p>The other group that needs charging stations are apartment dwellers who don't have garages. They could use stations where they work or go to school.</p>	Yes	Yes	["Transit station, airport, park & ride"]
2024-07-02T05:28:05Z	<p>Morgantown needs this! We need this! Tourists and students need this! This is the future! EVs exist and the community needs charging stations!</p>	Yes	Yes	["Retail stores", "Recreation / community center", "Hospital / doctor office", "Schools / WVU campus", "Transit station, airport, park & ride", "Office, employment center"]