

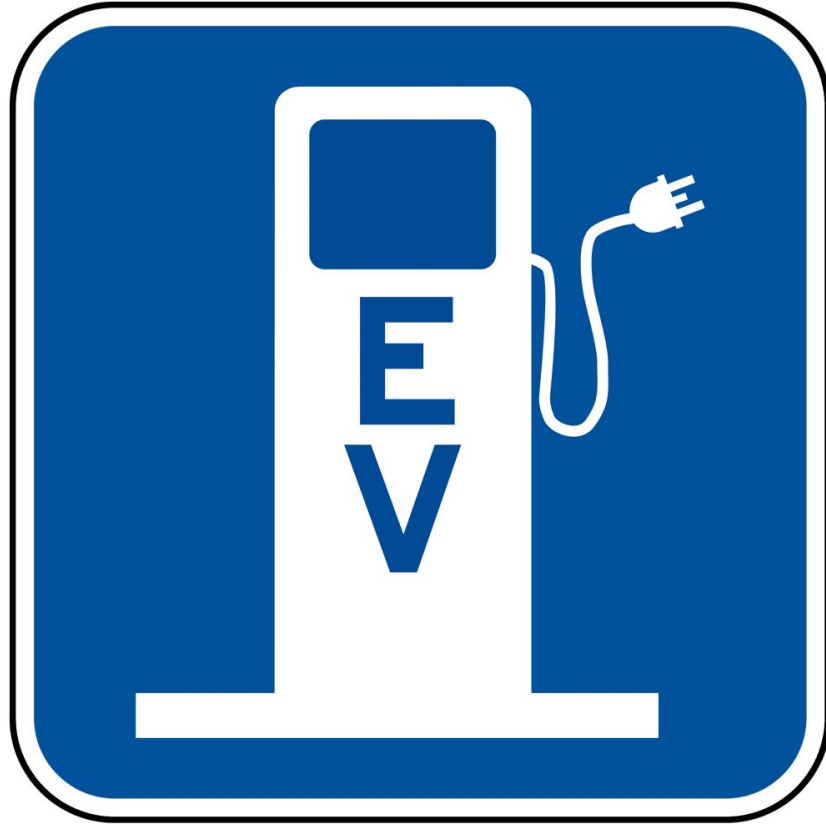
Regional Application to Ohio EPA for EV Charging Stations

MVRPC Technical Advisory Committee
September 17, 2020



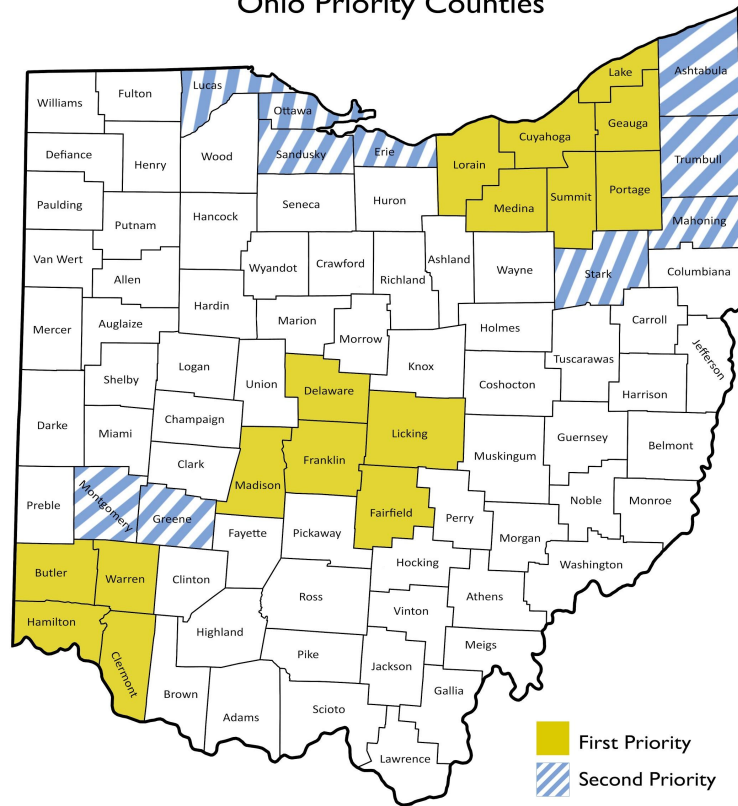
Outline

- About the Grant
- MVRPC Process
- Current Status
- Next Steps



Grant Details

- Funded from Volkswagen settlement dollars
- 15% = ~\$11 million
 - State and Park facilities
 - Level 2 (now)
 - DC Fast Charging (later)
- \$3.25 million divided evenly among 26 eligible counties for Level 2 charging equip.
- Greene, Montgomery, Warren among the eligible counties



Grant Details

Grant offers to reimburse up to 100% or \$7,500 per charging port (whichever is less) for projects to install publicly accessible Level 2 charging on public property.

[Private property? - 80%]

Reimbursable requirements:

- Electrical connection, upgrades
- Pavement repair
- Signage, space stenciling
- Equipment protection (e.g. bollards)
- 5-year O/M agreement
- Network communications



Grant Details

Nice to have...

- Surrounding amenities
- Expandability

Customer payments

- A site host decision
- Payment system must allow for CC payments or networks

Prohibitions:

- Workplace charging
- Fleet charging
- Multi-unit dwelling charging



MVRPC Process

Seeking to assist members with interest, but lacking staff time to prepare a complete application.

Goal: ensure there are enough applications from each county to keep allocations in our Region.



Grant Application Development

Step 1: Solicitation of site nominations

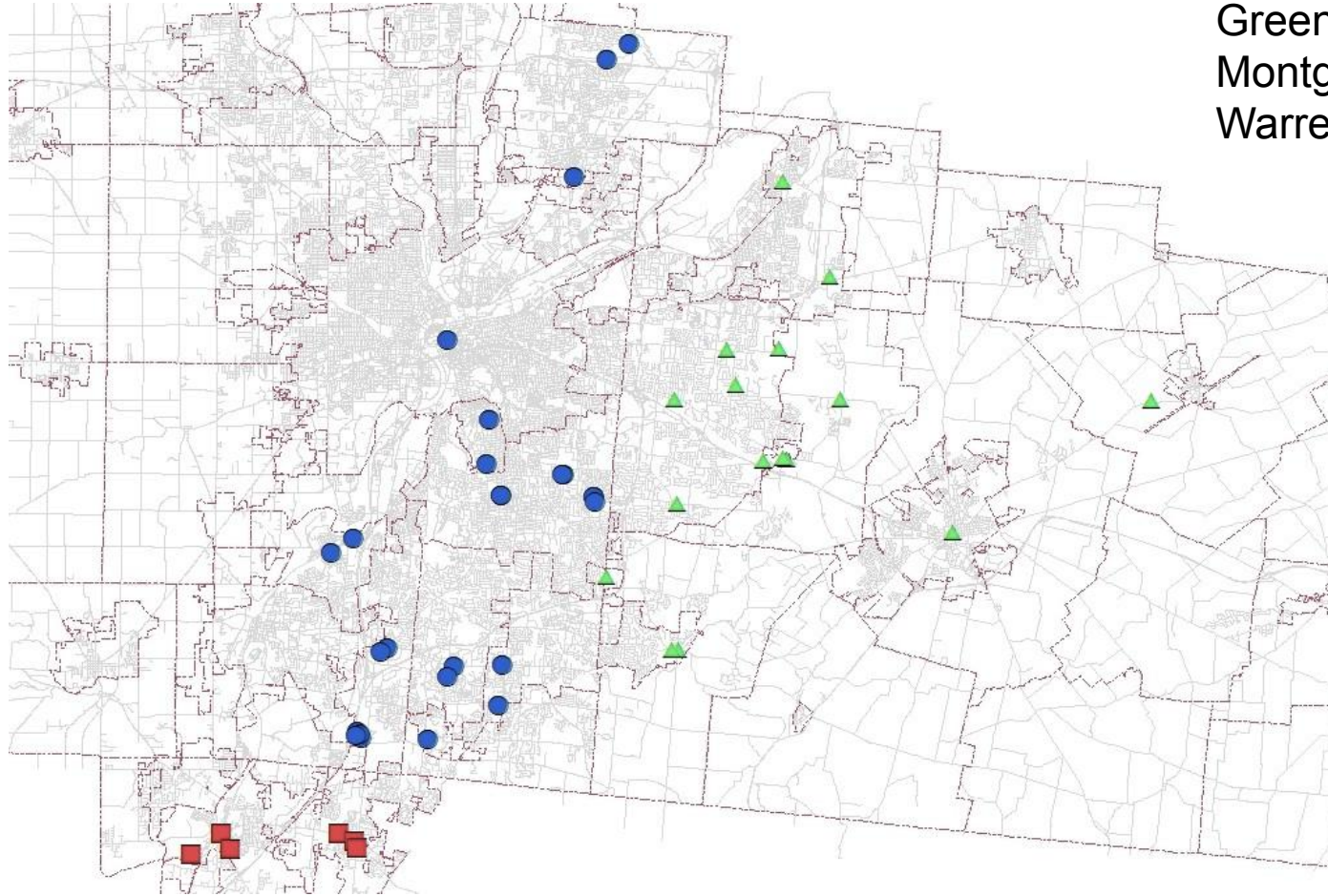
- Contacts with eligible jurisdictions
- Introductory webinar on August 13
- Over 40 nominations received by August 20

Step 2: Site evaluation visits

- Partnership with EV United and ESI Electrical (Moraine)
- Identify electrical capacity
- Confirm parking spaces
- Seek most economical design
- Two weeks starting August 31



Nomination Map



Greene - 16
Montgomery - 26
Warren - 7



Current Status

Narrowing the list:

- Site evaluations eliminated 5 sites
- Several others were “back-ups”
- Cost estimates will be provided and likely eliminate more sites

Next Steps

- Delivery of cost estimates
- Jurisdictional decisions: which sites to apply for and which to withdraw?
- Letters of commitment



Application Development

- Submitting three applications
 - one per county
- Each site requires a completed site and budget form
- Site rankings are required - rubric for this is in development

Due dates:

Ohio EPA Completeness Check -
September 21

Final Application - **September 30**



Lessons Learned

1. Retrofitting EV chargers into existing lots is expensive - consider adding “EV-ready” language to building codes.
2. Several sites we looked at also have available power for DC Fast Charging - head start on Ohio EPA’s next grant offer



Thank you!

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