**U.S. Department of Energy (DOE)  
Clean Energy to Communities (C2C) Program**

Summary of Technical Assistance (TA) Support

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| Icon  Description automatically generatedBuildings |
| Icon  Description automatically generatedClean Power |
| Climate Mitigation and Resilience |
| Cross-Sectoral Justice |
| A picture containing text, clipart  Description automatically generatedJobs and Economic Development |
| Icon  Description automatically generatedMobility |

**Washtenaw, Michigan**

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From June through December 2023, Expert Match supported the community by providing design guidance on:

* Municipal fleet transition – analyzing the economic and emissions reductions options from transitioning the county’s municipal fleet, which is a mix of light- and medium-duty vehicles
* Funding pathways to support fleet transition efforts – identifying state and federal funding opportunities that can support fleet transition efforts

 Impact

This effort provided technical expertise that will directly inform the electrification of Washtenaw County’s municipal fleet. The community participant stated, “This support provided us with some very important information and data that we can present to our Board of Commissioners when requesting the policy changes and financial backing necessary to complete a fleet transition that is in line with the goals, they mandated in Washtenaw County’s climate action plan. One of the most valuable takeaways for us is that we need to stress the importance of looking beyond MSRP, and instead focus on the total cost of ownership when evaluating the cost-effectiveness of transitioning to EVs.”

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**Background**

Ann Arbor is a city of approximately 122,000 people located in southeast Michigan. The city and its residents are leaders in sustainability and climate action. Their A2ZERO Climate Action Plan outlines their just transition pathway to community-wide carbon neutrality by 2030. With equity as a focus, they are implementing strategies to improve home energy efficiency (EE) and electrify appliances. Toward this, the city wants to explore community geothermal heating and cooling to serve a variety of building types including rental and affordable housing. The city has applied to DOE’s Geothermal Heating and Cooling Design and Deployment program and garnered the support of City Council to pursue these projects, but they need to understand the concept’s feasibility in order to make a “go, no-go” decision.

Washtenaw County, Michigan, has a population of 370,000. The Board of Commissioners of Washtenaw County recently approved the Resilient Washtenaw Climate Action Plan, which calls for an all-electric municipal fleet by 2030. The county is in the very early stages of electrifying its fleet of 244 vehicles with only a few electric vehicles (EVs) in their current fleet and just two chargers county-wide.

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Description automatically generated Community Team

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For more information, visit:  
**energy.gov/eere/clean-energy-communities-program**

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