**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 |

**New Haven, Connecticut**

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From April through December 2023, the National Renewable Energy Laboratory (NREL), Argonne National Laboratory (ANL), and New Haven Clean Cities provided high-level strategic guidance to assess the city’s clean mobility readiness for curbside electric vehicle (EV) charging infrastructure for low-income and renter households.

 Impact

This technical assistance effort equipped the City of New Haven with data-driven insights to develop their local EV charging zoning ordinance. The program participant stated, “With the program and support of Clean Cities, we’ve nearly completed a draft zoning ordinance.Text

Description automatically generated with low confidence The deliverables we received about lack of access to off-street charging will be helpful in contextualizing our zoning proposal for the public and decision-makers.”

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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.

In 2021, the City of New Haven passed a community electrification resolution, which was focused on electrifying city buildings and transportation. The Office of Climate and Sustainability—within the Mayor’s Office—works with City departments, community organizations, and New Haven residents to develop, advance, and implement citywide climate and sustainability efforts. A growing area of their work focuses on electric vehicle deployment in the city and consideration of broader clean mobility options. The team is also working with the city engineer who has decision-making power in terms of implementing projects.

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Description automatically generated with low confidence Expert Match Team

**Sika Gadzanku**  
Community Lead, Main Expert Match Point of Contact and Program Manager, NREL

**Marcy Rood**  
Energy Systems Technology Integration Manager, ANL

**Dong-Yeon Lee**  
Senior Mobility and Equity Researcher, NREL

**Paul Wessel**  
Director, Greater New Haven Clean Cities

**Geremy Schulick**  
Program Manager for EVs and Charging Infrastructure, Greater New Haven Clean Cities

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Description automatically generated Community Team

**Steven Winter**  
Executive Director, New Haven Climate and Sustainability Office

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

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