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

Summary of Technical Assistance (TA) Support

|  |
| --- |
| Marker with solid fill |
| 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 |

**Washburn, Wisconsin**

Icon

Description automatically generated TA Scope

From August 2023 through January 2024, the National Renewable Energy Laboratory (NREL): (1) developed an energy efficiency and weatherization roadmap, (2) facilitated discussions with the local utility, and (3) provided capacity-building on clean energy topics to the applicant.

 Impact

Technical assistance provided the community with a clear road map of how they can inform other community members on how to conduct energy efficient retrofits and weatherization in Washburn.

A picture containing clipart

Description automatically generated Background

Photo goes here.

*Delete this box before publishing.*

**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.

Washburn, Wisconsin, is a small, rural town of about 2,000 residents. The town used to be a company town for DuPont, which opened an explosives plant outside of town and employed many residents, but when the company left (in 1971), many residents also left. The town’s building stock has aged since then, and today Washburn has many old houses left with property values below the national average. These houses could have a lot of value because the area is becoming popular for tourism and second homes due to its location on Lake Superior.

Icon

Description automatically generatedText

Description automatically generated with low confidence Expert Match Team

**Alexandra Kramer**  
Community Lead, Main Expert Match Point of Contact, NREL

**Cory Chovanec**  
Weatherization Expert, NREL

**Elisabeth Graffy**  
Workforce Development, PNNL

**Sika Gadzanku**  
C2C Expert Match Program Manager, NREL

Icon

Description automatically generated Community Team

**John Hopkins**  
Overall Lead

**Roth Edwards**  
Buildings Lead

**Jane Heim**  
Team member

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

August 2024