

Decarbonization of energy resiliency for a rural community

Context:

Central Pennsylvania is entrenched in mixed fuel sources and its transition to clean beneficial electrification is challenged from

- Strong linkages to fossil fuel industry
- Economically disadvantaged with many communities having high poverty rates
- Frequent weather driven disasters such as flooding reinforcing status quo



Phase I: Convene

- Engage local energy providers and users
- Understand current and prior efforts
- Convene working group of community-based representatives

Phase II: Data & Design

- Recruit volunteers for data collection
- Collect data and extract initial fuel source and use case insights
- Facilitate a community led collaborative discussion on potential resiliency options

Phase III: Test & Pilot

- Community-led down-select of potential resiliency solutions
- Acquire, test and validate selected solutions
- Prioritize deployment and install initial pilot solutions

Core Partners:



PECAN STREET

