

dayton's path to decarbonizing homes



Dayton Energy Collaborative

THE SOLUTION:

In Dayton, many homeowners face challenges, including critical home repairs and upgrades, energy inefficiencies, and high utility bills. These challenges often require immediate attention and take priority over electrification. Dayton Energy Collaborative's (DEC's) approach is to build an innovative system that addresses these issues and creates a path toward equitable electrification, especially for disadvantaged communities. DEC is committed to providing accessible and equitable electrification to communities in Dayton through a three-step approach that includes critical home repairs and modifications, full-scale weatherization, and electrification. DEC plays a crucial role in facilitating collaboration among local partnerships to ensure the process is as effective and efficient as possible.

DEC brings together various stakeholders, including organizational partners, homeowners, and contractors to achieve each step. Collaboration with established home repair organizations is the core of this endeavor. By leveraging their expertise, DEC can efficiently tackle these challenges and maximize impact in Dayton, which defines the process and makes the proposed solution possible. DEC's staff then determines the best electrification package based on the home's existing electrical capacity, prioritizing solutions that avoid panel upgrades and that maximize household benefit through reduced energy burden and improved health. DEC's systematic approach integrates improved, efficient technologies, innovation, and collaboration.

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