

Health-E Communities Partnership



Health-E Communities Partnership Goals

- Deliver +1,000 home electrification retrofits into households where one or more resident suffers from asthma w/ explicit emphasis on low-income and disadvantaged communities
- Establishment necessary partnerships to reach these households
- Pair home electrification program with necessary research to support scaling up home electrification as a part of public health response to Asthma and pulmonary disease
- Serve as a scalable demonstration project for intersectionality of home electrification and public health

Health-E Communities Partnership: Aligning EBCE Scope with EBCE Expertise

- Focus EBCE funding and engagement on funding electrification retrofits (induction cooking, heat pumps)
- Recruit partners that can leverage external funding to support research goals, customer/community engagement, integration of home electrification into public health services and scaling of program learnings
- Bring in external funding partners (ex: U.S. EPA, U.S. HHS, CA ARB, Health/Climate philanthropy) to fund costs of public health partner participation in program

Health-E Communities Partnership Framework

Board Action: Direct EBCE staff to move forward to develop a full proposal to implement Health-E Communities Partnership with EBCE funding up to \$15m towards home electrification projects that benefit residents with asthma – over the next 3 year – and return to the Board of Directors for review and approval of the full proposal in 2023

Allocate up to \$15m to fund residential electrification projects (e.g. induction cooking, heat pumps) for households where one or more residents suffers from asthma.

- Why \$15m? \$15m aligns with current EBCE Health-E Homes program incentive and loan levels (up to \$10k for incentives and \$5k per household in low interest loans) when scaling target participation to 1,000 participants. This funding level was also analyzed during the budget setting process and determined to be fiscally feasible

Other Program Parameters

Prioritize funding in low-income households and multi-family housing

Establish partnerships with ecosystem of electrification equipment and deployment partners to enable project deployments

Establish partnerships with local, state and federal agencies working at the nexus of public health, asthma care and home electrification to support all phases of this project

Establish partnerships with one or more public health partners to support acquisition of their patients into program

Establish partnerships with one or more PHPs to design and implement a coordinated research program to evaluate long term benefits of home electrification for asthma patients

Support efforts by PHPs to secure necessary funding to participate in Health-E Communities Partnership