

Advancement of Building Equity in Underserved Communities (ABE)

Empowering Communities through Sustainable Transformation

Revolutionizing Building Upgrades: A Pathway to Sustainable and Equitable Communities

Our team, composed of experts from the Department of General Services (DGS) and the Maryland Center at Bowie State University (MSBSU), is dedicated to revolutionizing building upgrades in disadvantaged communities. We propose an innovative approach to retrocommissioning (RCx) that integrates a preventative maintenance program and a Digital Facility Management (DFM) system. This approach not only improves energy efficiency but also funds electrification and weatherization measures. By focusing on buildings that serve as community hubs, we aim to create a more sustainable, comfortable, and healthy environment for all residents. Our scalable and replicable model is designed to bridge disparities and create an ecosystem of opportunity, making energy-efficient building systems accessible to the Districts Wards 7 and 8.

