

Low-Income Energy Efficiency Home Rehab Pilot

HOUSING, SAFETY AND COMMUNITY COMMITTEE **APRIL 3, 2023**

Today's Briefing

Share the opportunity to collaborate with Duke Energy to support high energy use, lowincome households reduce electrical energy consumption and save on energy bills (address energy burden)

▶ Request Council allocate up to 1M in ARPA funds in support of this partnership

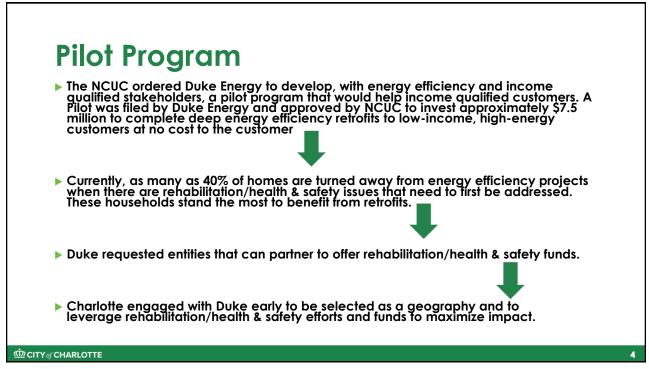


- **Buildings**
- Transportation
- **Energy Generation**
- Workforce Development

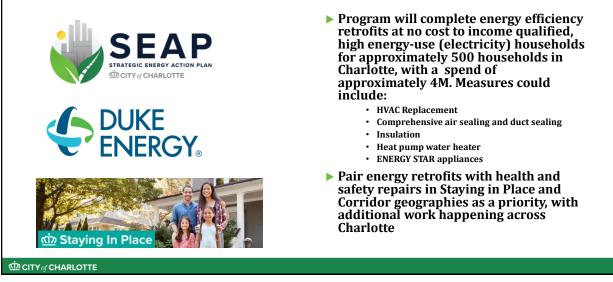
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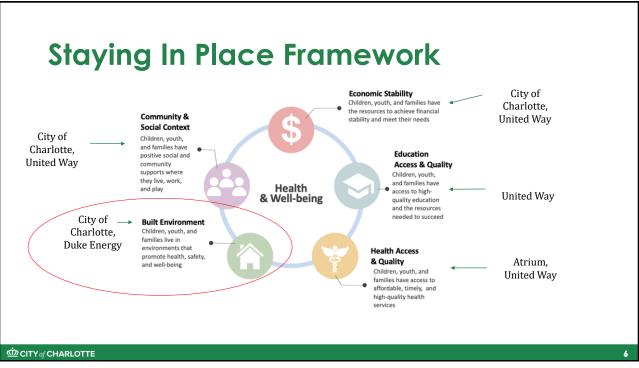
Background

- CitySet Partnership. The City of Charlotte and Duke Energy have a partnership to work towards a sustainable energy transition and to develop opportunities to partner towards that goal. Charlotte and Duke have been meeting with several work streams over the past year.
- Integrated Resource Plan (2021). "The City, Duke Energy, and North Carolina Utility Commission (NCUC) all have a collective responsibility to carefully examine how the decisions made in this venue will benefit and burden communities, particularly low income communities of color, that are already severely burdened."
- Carbon Plan (2022) "Energy efficiency (EE) and demand-side management (DSM) programs are not only highly effective and cost-competitive grid resources, but they can also tangibly benefit Charlotte residents by lowering customer energy bills and decreasing energy burden."



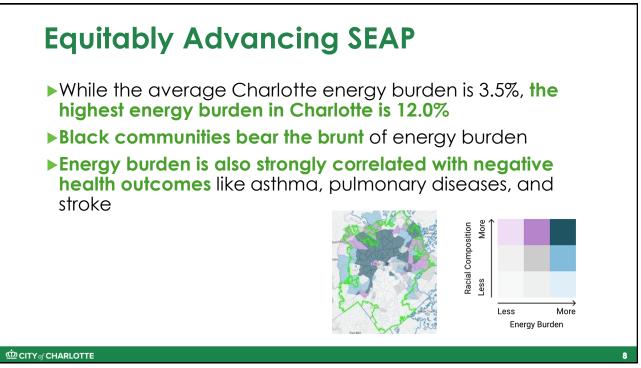
Charlotte as a Pilot Geography





Two Partnership Workstreams

- Outreach and Connections: Work with households that have 1. previously participated in the city's rehabilitation program or are currently scheduled for rehabilitation to ensure they also take advantage of Duke's energy efficiency retrofits.
- Funding Additional Health and Safety Work: Duke Energy will recruit 2. new income-qualified households that have high energy use for participation in their energy efficiency retrofit pilot program. When additional home rehabilitation is identified as needed before energy efficiency work can proceed, the city will provide the funds to Duke Energy to deliver necessary critical rehabilitation work at the same time.
- Goal: Benefitting households most in need by reducing energy use Þ and reducing energy bills



Recommendation / Request

Allocate up to \$1M in ARPA Funds to complete additional rehabilitation/ health and safety work needed before energy retrofits can be completed

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