



KANSAS CITY MISSOURI

City of Kansas City, Missouri's

Strategic Focus: Improving the Efficiency, Affordability, and Durability of Homes in Disinvested Neighborhoods

Tuesday, July 30, 2024

Ordinance 240572

**Prepared for Neighborhood, Planning and Development
Committee**

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OVERVIEW

HCDD recognizes the need to help communities recover from and build resilience to climate hazards, particularly low- and moderate-income communities.

Improving the efficiency, affordability, and durability of homes in disinvested neighborhoods will task an RFP selected non-profit to reference the City of KCMO Climate Protection and Resiliency Plan-Homes and Buildings Strategies. Supporting owner occupied homes will focus on increasing their resilience to ongoing climate and health risks, especially among historically underserved populations.

Pillars of Revitalizing Disinvested Neighborhoods

EFFICIENCY

Optimizing energy usage through better insulation, energy-efficient appliances and furnaces, solar panels and smart systems

AFFORDABILITY

Creative financing models, community land trusts, or cooperative housing

DURABILITY

Quality materials, thoughtful design, and maintenance

SUPPORTING THE VISION

CREATING HEALTHY INDOOR SPACES FOR LIVING, WORKING, AND ENJOYING

- (a) Facilitate energy efficiency improvements such as furnace, insulation, roof replacement or other strategies that reduces energy consumption;**
- (d) Reduce natural gas system leakage where feasible;**

Addressing the Need:

STRATEGY B-1,2 (HOMES & BUILDINGS KC Green – September 2022)

- Increase building efficiency and health for commercial and public buildings
- Improve the efficiency, affordability, and durability of homes
- Non-profit create strategies on aiding improvements to indoor air quality and other unsafe indoor health and living conditions

SUPPORTING THE VISION

CREATING HEALTHY INDOOR SPACES FOR LIVING, WORKING, AND ENJOYING

- (b) Develop and implement a community-wide education initiative on the importance and benefits of energy efficiency;**
- (c) Collaborate with locally owned rehab companies and home building materials suppliers**

Addressing the Need:

STRATEGY B-3 (HOMES & BUILDINGS KC Green – September 2022)

- Ensure climate-ready, efficient construction
- Non-profit will concentrate on the housing crisis, and enabling people to have more agency over where they live and the conditions in which they live
- Non-profit brings attention on restoring older and abandoned homes

SUPPORTING THE VISION

CREATING HEALTHY INDOOR SPACES FOR LIVING, WORKING, AND ENJOYING

- (e) **Prioritize owner occupied homes with household incomes not in excess of \$60,000.00 or on a fixed income in areas with a high heat index, minimal tree canopy coverage;**
- (f) **Develop and implement a plan with community partners to improve not less than 50 homes per year that meet these criteria**

One of the six climate hazards posing the greatest risk to the Kansas City region is extreme heat.

STRATEGY B-4 (HOMES & BUILDINGS KC Green – September 2022)

- Promote equitable building decarbonization
- Non-profit will emphasize investment in the infrastructure needed to advance energy efficiency and building decarbonization in affordable and multifamily housing for renters and low-income homeowners

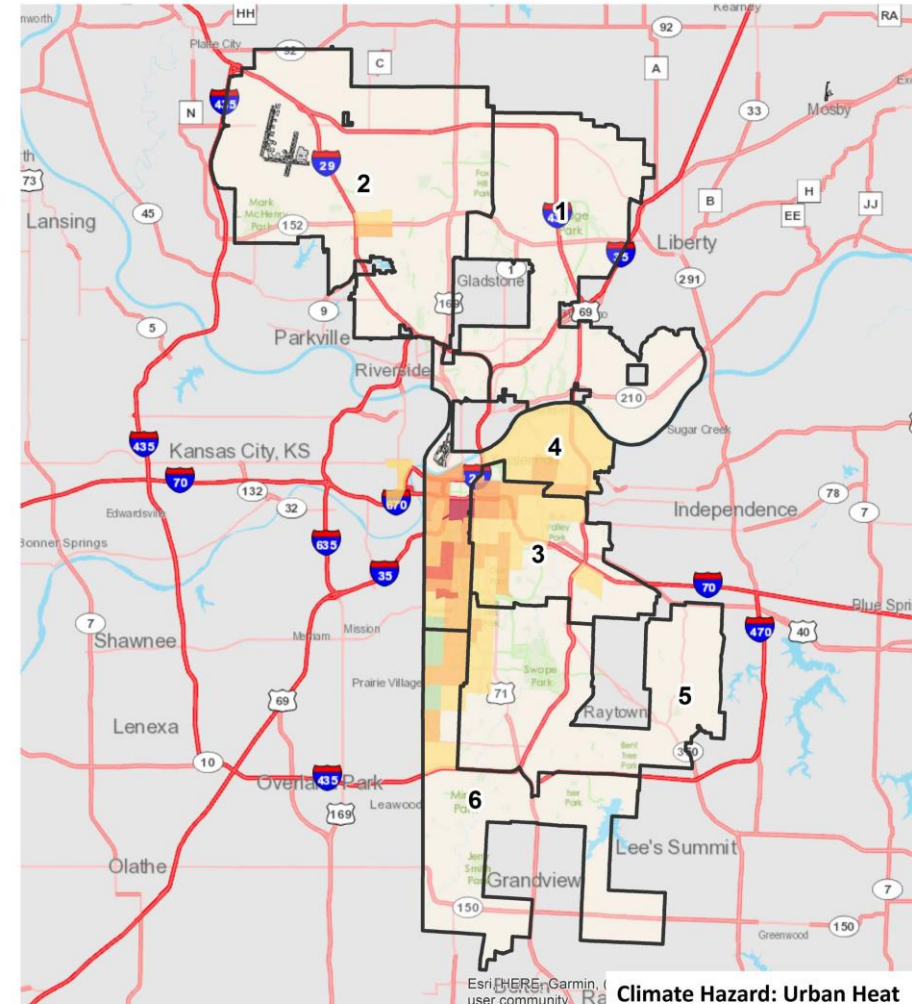


FIGURE 7: Urban Heat Exposure Map

HERS & FOCUSING ON THE FACTORS

(g) Track and report household HERS scores before and after improvements

Home Energy Rating System (HERS) Index looks at the whole house approach.

HCDD aligning towards a net zero residential energy method will support a partnership with our contracting non-profit and community focused on pre and post facilitation review of homes through some factors below:

- All exterior walls, ceilings and roofs
- Attics, foundations, and crawl spaces
- Windows and doors, vents, and duct work
- HVAC system, heating system, and thermostat
- Air leakage of the home
- Leakage in the heating and cooling distribution system

Public Comments?

Thank you



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