

## **APPLICANT INFORMATION**

**Organization:** Government of Polk County, Iowa

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**TYPE OF APPLICATION:** Individual Applicant

**FUNDING REQUESTED:** \$49,999,999

**APPLICATION TITLE:** Future Ready Neighborhoods (FRNs)

## **BRIEF DESCRIPTION OF GHG MEASURES**

Future Ready Neighborhoods (FRN) seeks to holistically approach low-income residential climate pollution through this proposal. The measures within FRN are at four scales: home, neighborhood, community, and regional.

- Expand upon existing energy audit and weatherization programs to increase low-income households served and provide additional resources to advance present and future electrification capacity upgrades in addition to current program offerings.
- Accelerate expansion of partnerships and programs with private entities, institutions of higher learning and other workforce organizations to recruit, train, certify, and retain prospective clean energy and sustainability professionals including private contractors, energy auditors and planners, and other skilled trades.
- Establish a regional forestry program to lead region-wide neighborhood assessments to prescribe and execute native tree and shrub plantings that will sequester carbon, expand neighborhood canopy coverage, and not obstruct current and future opportunities for clean energy production – starting in LIDAC neighborhoods.
- Partner on as much as 400 MW of utility, municipal, and community solar farms that direct energy credits to low-income persons to reduce the energy cost burden for renter- or owner-occupied households.

**SECTORS:** Electricity Generation, Commercial and Residential Buildings, and Agriculture/Natural and Working Lands

## **EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS**

**Full measure: 2025 – 2030:** 268,007 mt CO<sub>2</sub>e    **2025 – 2050:** 1,388,053 mt CO<sub>2</sub>e

**Phase II Investment Direct Reductions: 2025 – 2030:** 62,917 mt CO<sub>2</sub>e    **2025 – 2050:** 482,362 mt CO<sub>2</sub>e

**LOCATIONS:** Central Iowa; seven-county MSA including Dallas, Guthrie, Jasper, Madison, Polk, Story, and Warren counties.

**APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) ON WHICH MEASURES ARE BASED**

**PCAP Lead Organization(s):** Government of Polk County, Iowa

**PCAP Title(s):** Central Iowa Priority Climate Action Plan

**PCAP Website link(s) (if applicable):** [Central Iowa Priority Climate Action Plan](https://www.polkcountyiowa.gov/public-works/central-iowa-priority-climate-action-plan/)  
(<https://www.polkcountyiowa.gov/public-works/central-iowa-priority-climate-action-plan/>)

**List of GHG reduction measures and PCAP page reference for each measure:**

See PCAP pages 18-28 for detailed GHG reduction measures for all measures.

See PCAP Appendices E and F for the methodology, assumptions used, and other details about the GHG emission reduction calculations.