

COVER PAGE for EPA Climate Pollution Reduction Grant - Implementation Phase
Kane County, Illinois Coalition

- **Applicant Information**

- o Kane County, Illinois
- o Dr. Sarra Hinshaw, (630) 208-8665, HinshawSarra@KaneCountyIL.gov

- **Type of Application: individual application or coalition application**

- o Kane County – Coalition Lead
- Coalition members: DuPage and Will Counties; Cities of Aurora, Batavia, Elgin, Naperville, Waukegan, and Village of Downers Grove, Illinois. (Additional partners are listed in the workplan.)

- **Funding Requested: \$114,387,908**

- **Application Title: Project Narrative / Workplan for EPA Climate Pollution Reduction Grant – Implementation Phase – Kane County, Illinois Coalition**

- **Brief Description of GHG Measures:**

Power sector: Increase renewable energy generation through distributed solar systems through subaward projects, group buys, and communitywide education and outreach of financial incentives.

Buildings sector: Increase energy efficiency and electrification of buildings through subaward projects, group buys, rebates, and communitywide education and outreach of financial incentives.

Transportation sector: Support the switch to zero emissions vehicles and equipment by installing electric vehicle (EV) chargers through subaward projects, group buys, rebates and communitywide education and outreach of financial incentives.

- **Sector(s):** Electric power; transportation; and commercial and residential buildings.

- **Expected Total Cumulative GHG Emission Reductions:**

- o Total cumulative emissions reductions for proposed measures from 2025 to 2030 – 7,475,543 MT CO₂e
- o Total cumulative emissions reductions for proposed measures from 2025 to 2050 – 81,966,544 MT CO₂e

- **Location(s):** Kane, DuPage, Kendall, and Will Counties; Cities of Aurora, Batavia, Elgin, Highland Park, Naperville, Waukegan, and Yorkville; Village of Downers Grove, Illinois; and the Indian Prairie School District (District 204) serving portions of Naperville, Aurora, Bolingbrook, and Plainfield, Illinois.

- **Applicable PCAP Reference(s):**

Chicago Metropolitan Statistical Area Priority Climate Action Plan (PCAP)

Lead organization: Metropolitan Mayors Caucus and Chicago Metropolitan Agency for Planning (CMAP)

PCAP Title: Priority Climate Action Plan for the Chicago Metropolitan Statistical Area

PCAP website: <https://mayorscaucus.org/wp-content/uploads/2024/03/Chicago-MSA-PCAP-3-4-24-FINAL.pdf>

List of greenhouse gas reduction strategy measures and page numbers:

(Power Sector)

- DE2 Increase renewable energy supply and energy storage capacity for residential, commercial, municipal, and industrial electricity use. Pages 34, 35, 43, 63

(Buildings Sector)

- BE1 Engage residential utility customers to optimize building efficiency leveraging residential energy assessments, energy efficiency rebates, incentives, tax credits and weatherization, housing rehab, and energy assistance programs. Pages 34, 35, 44, 45, 64
- BE2 Engage residential utility customers to electrify space and water heating leveraging residential energy assessments, rebates, incentives and tax credits and weatherization and energy assistance programs. Pages 34, 36, 44, 45, 64, 65
- BE3 Engage commercial, institutional, and industrial utility customers to optimize building efficiency leveraging tools and programs such as facility assessments, energy management, retro commissioning, demand response, performance contracting, energy efficiency rebates, incentives, tax credits, and PACE financing. Pages 34, 36, 44, 45, 65
- BE4 Engage commercial utility customers to electrify buildings leveraging tools and programs such as facility assessments, energy management, rebates, incentives, tax credits, direct pay and PACE financing. Pages 34, 37, 44, 45, 70

(Transportation Sector)

- DT15 Transition gas-powered landscaping equipment to low and zero emissions models. Pages 34, 40, 76

State of Illinois Priority Climate Action Plan (PCAP)

Lead organization: Illinois Environmental Protection Agency

PCAP Title: State of Illinois Priority Climate Action Plan

PCAP website:

<https://epa.illinois.gov/content/dam/soi/en/web/epa/topics/climate/documents/Illinois%20Priority%20Climate%20Action%20Plan.pdf>

List of greenhouse gas reduction output measures and page numbers:

(Transportation Sector)

1. Support adoption of zero-emission light commercial, medium- and heavy-duty electric vehicles, reaching 30% of new sales by 2030, 60% by 2035, 65% by 2040, and 80% by 2050. Pursuing this measure could include strategies such as incentives for the purchase of vehicles, programmatic or financial support for charging infrastructure, workforce and operator training and development, outreach and planning efforts, and programs or rates to encourage smart charging, EV-to-grid technologies, or EVs as a distributed energy resource. Page 39
2. Support adoption of passenger electric vehicles, reaching 55% of new sales by 2030, 90% by 2040, and 95% by 2050. Pursuing this measure could include strategies such as incentives for the purchase of vehicles, shared mobility programs, programmatic or financial support for charging infrastructure, and programs or rates to encourage smart charging, EV-to-grid technologies, or EVs as a distributed energy resource. Page 40