



STATE OF ILLINOIS

CLIMATE POLLUTION REDUCTION GRANT PROGRAM

FEBRUARY 2024

STATE OF ILLINOIS

CLIMATE POLLUTION REDUCTION GRANT PUBLIC LISTENING SESSION AGENDA

- Welcome and introduction
- What is the Climate Pollution Reduction Grant program?
- Summary of stakeholder feedback
- Summary of State of Illinois PCAP proposal
- Question + Answer



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WHAT IS THE CLIMATE POLLUTION REDUCTION GRANT PROGRAM?



- The US EPA's Climate Pollution Reduction Grants (CPRG) program provides **\$5 billion** in grants to states, local governments, tribes, and territories to develop and implement ambitious plans for reducing greenhouse gas emissions and other harmful air pollution.
- Authorized under Section 60114 of the Inflation Reduction Act, this two-phase program provides \$250 million for noncompetitive planning grants, and \$4.3 billion for competitive implementation grants.
- To be eligible to submit a proposal for a competitive implementation grant, entities must submit a Priority Climate Action Plan by March 1, 2024.
- The deadline to submit Implementation Grant proposals are due by April 1, 2024. Any relevant measures to be included in the CPRG application must be included in the PCAP



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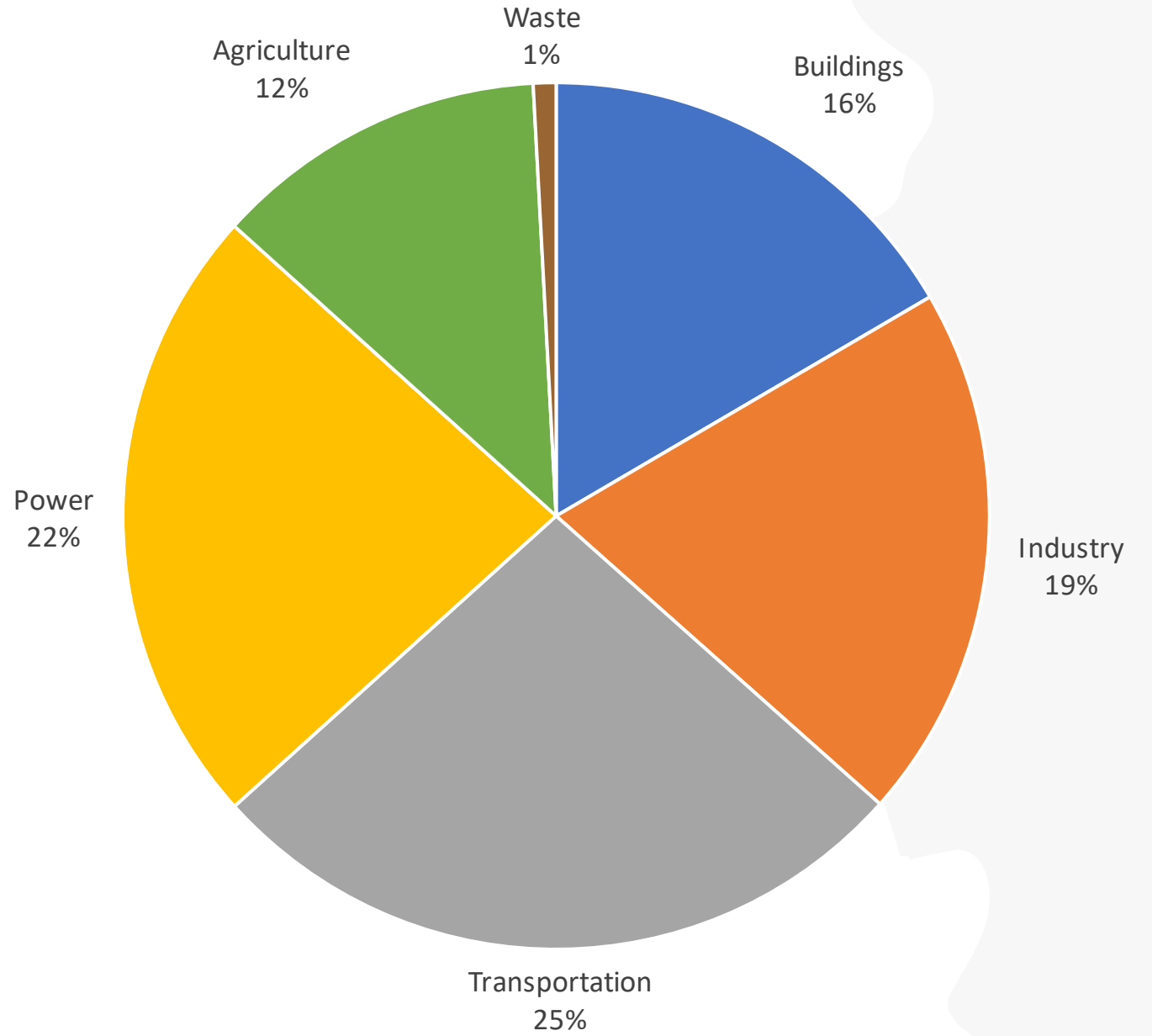
WHAT MEASURES ARE ELIGIBLE FOR CLIMATE POLLUTION REDUCTION GRANT FUNDING?

Measures that will be competitive for CPRG funding are those that show:

- Measurable, cost-effective greenhouse gas reductions, especially before 2030.
- A strong need for funding that is unmet by other sources.
- Innovation and/or the ability to scale.
- Benefits to low-income and disadvantaged communities.



STATE OF ILLINOIS GHG INVENTORY 2021



STATE OF ILLINOIS SUMMARY OF INPUT RECEIVED

Q: What are some of the biggest hurdles disadvantaged communities and businesses face in accessing the clean energy economy?



Single family Homes/Residents



Multifamily Buildings + Residents



Commercial/Public Buildings + Tenants



BIPOC Businesses

ELECTRIC VEHICLES

- Difficulty working with landlords/associations to install EVSE.
- Lack of electrical capacity.
- No solution for street parking.

- Lack capital budget for purchase/margin.
- In small towns lack grid capacity.
- Federal School Bus rebates a lottery.
- School buses need longer loan payback periods than typical contract terms.
- Fleet electrification requires long-term planning.
- Small fleets difficulty.
- Depots/garages need upgrades, fire suppression, space.

- Supply chain delays, and BIPOC businesses often last in line.
- Undefined ownership models for small contractors.



STATE OF ILLINOIS SUMMARY OF INPUT RECEIVED

Q: What are some of the biggest hurdles disadvantaged communities and businesses face in accessing the clean energy economy?



Single family Homes/Residents

- Lack of awareness
- Electric panel upgrades
- LMI can't access tax credits.
- LMI don't have cash for remaining 25%.
- Financial terms (liens / disconnection) can be harmful.
- System purchases only when equipment breaks.
- Bill savings across electric & gas bill.
- How to sequence.



Multifamily Buildings + Residents

- Lack of focus on landlords.
- Electrical panel and service upgrades.
- LMI can't access tax credits.
- Limited solutions for boiler/radiator replacement.
- Hard to stack programs to gain true benefit.



Commercial/Public Buildings + Tenants

- Mid-size buildings may face space constraints.
- Major HVAC investments only made when changing hands.
- Local governments lack capital for infrastructure.



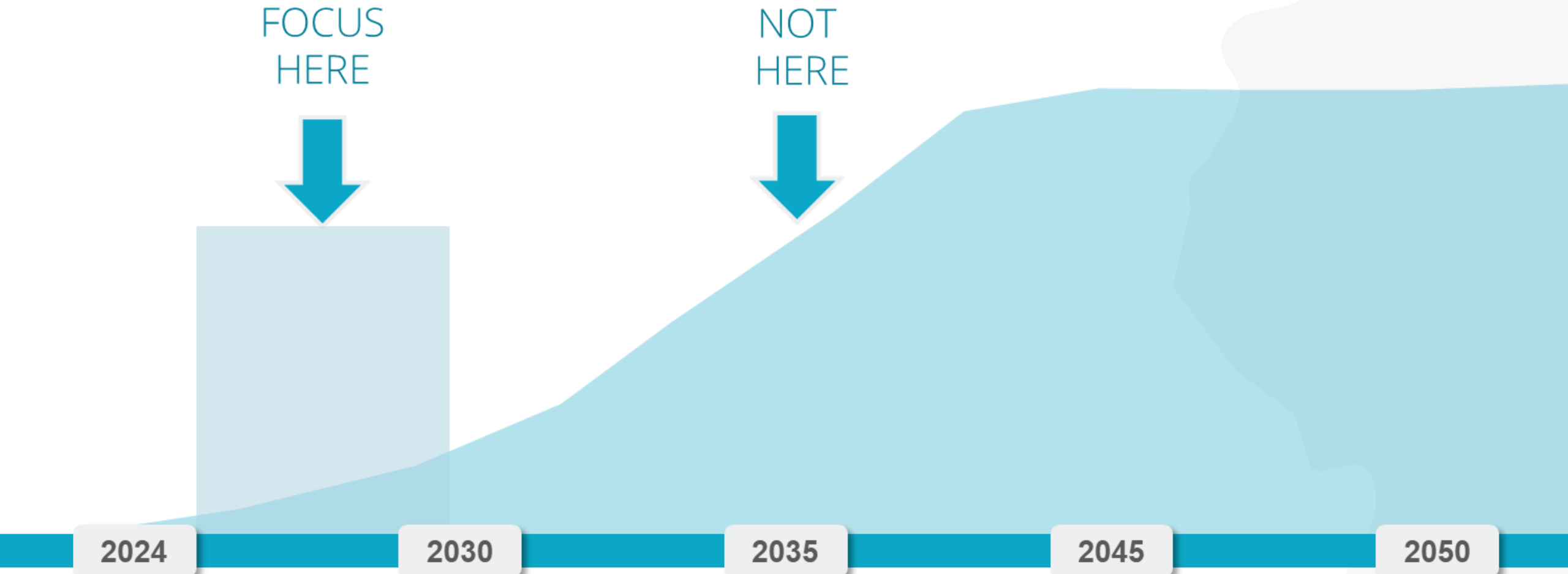
BIPOC Businesses

- Opportunity for small BIPOC HVAC contractors, but lack experience with heat pumps.
- Expenses first, rebates later.
- Lack of standardized finance tools to offer to potential customers.

BUILDING ELECTRIFICATION



What is a Priority Action?



OUR APPROACH

The State has leaned on stakeholder input to identify priority measures for GHG reduction that complement, supplement, or enhance current state and federal programs, policies, or initiatives that result in GHG reduction and pollution reduction.

CLEAN BUILDINGS

Gap Closing Catalyst Fund

Navigator Program

Shared Portal

Workforce/Contract or Gaps

Networked Geothermal

Accelerate Stretch Code Adoption

Municipal Building Planning & Support

Large Building Strategic Planning

CLEAN FREIGHT AND FLEET

Charging Infr. for Small/Med Fleets

Clean Freight Planning + Engagement

Trackside Power at Rail Yards

On-Road / Off-Road Vehicle Support

Clean Fleet and Freight Concierge

Community Data Collection

Workforce Training for Fleet Operators

Workforce Training for HD Charging

CLEAN INDUSTRY

Clean Industry Concierge

Buy Clean Planning + Pilot

Fluorinated Gas Reduction Program

Regional Industrial Decarb. Challenge

CLEAN AGRICULTURE

Cover Crop and No-Till Management

Biomethane Management

Clean Small Engines Program

Natural Carbon Storage

CLEAN POWER

Clean Energy Planning Support



CLEAN BUILDINGS WHAT DOES THIS LOOK LIKE?

Gap Closing Catalyst Fund

Fill gaps in clean buildings projects, leverage existing funds, and reduce “walk-aways” from clean buildings projects.

Navigator Program

Support and guide people through clean buildings projects, including connecting them with incentives and contractors.

Shared Portal

Create an online hub to connect people and contractors with energy assistance applications, financing, and other information.

Fill Workforce + Contractor Gaps

Train workers and contractors on installation, operation, and incentives for energy efficiency and building electrification.

Networked Geothermal

Support community-based pilot programs for networked geothermal heating.

Accelerate Stretch Code Adoption

Support Illinois municipalities in implementation of stretch building codes.

Municipal Building Planning + Support

Support municipal governments in identifying, planning, and financing clean buildings projects.

Large Building Strategic Planning

Identify opportunities for large-scale clean buildings projects and work with building owners to implement them.



CLEAN FREIGHT + FLEETS

WHAT DOES THIS LOOK LIKE?

Charging Infrastructure for Small + Med Fleets

Support heavy duty EV charging infrastructure, focusing on small to midsize fleet and freight operators, and on routes in high-emission urban areas.

Clean Fleet and Freight Concierge

Support and guide freight companies, especially smaller ones with limited resources, in shifting to electric vehicles and accessing incentives to do so.

Trackage Power at Rail Yards

Support trackage power in rail freight facilities, reducing diesel emissions from generators and idling trains.

Community Data Collection

Collect data about freight vehicle operations and emissions to identify challenges and measure progress in the clean freight transition.

On-Road / Off-Road Vehicle Support

Directly support deployment of on- and off-road electric freight vehicles, focusing on small and midsize fleet operators.

Workforce Training for Fleet Operators

Educate and train fleet operators on efficient and effective utilization of electric freight vehicles.

Clean Freight Planning and Stakeholder Engagement

Convene planning and stakeholder processes to identify needs and opportunities in the clean freight sector.

Workforce Training for HD Charging

Train workers and contractors to install and maintain heavy-duty charging infrastructure.



CLEAN INDUSTRY WHAT DOES THIS LOOK LIKE?

Clean Industry Concierge

Support industrial operators in identifying and implementing and financing measures to cost-effectively improve efficiency and reduce emissions.

Buy Clean Planning + Pilot

Plan, find opportunities, and identify challenges for use of materials and goods with low embedded carbon.

Fluorinated Gas Reduction Program

Support replacement of extremely climate-warming fluorinated gases with lower-warming alternatives.

Regional Industrial Decarb. Challenge

Identify and implement the most promising industrial decarbonization projects in the Midwest region, in partnership with other states.



CLEAN AGRICULTURE + LAND USE

WHAT DOES THIS LOOK LIKE?

Crop Residue Management

Implement sustainable, GHG-reducing practices for agriculture field maintenance, such as low/no-till farming and use of cover crops.

Biomethane Management

Reduce and capture methane emissions from livestock, wastewater, and landfill operations.

Clean Small Engines

Support the transition to all-electric lawn equipment, with a focus on highly-utilized professional landscaping equipment.

Natural Carbon Storage

Restore forests, grasslands, and other natural areas that sequester carbon.



CLEAN POWER WHAT DOES THIS LOOK LIKE?

Clean Energy Planning

Support modeling
and planning to
identify needs and
solutions for clean
energy.



QUESTIONS + FEEDBACK

1. How do the draft CPRG measures align with your priorities, considering what the program is intended to fund?
2. Are any measures particularly high-priority for you?
3. If the state receives funding, what are your ideas about incorporating community input and equity into the implementation of the measures?
4. Are there measures that are important to you, but the CPRG is not well-suited to fund?

