

The background of the slide features a close-up, low-angle view of solar panels. The panels are dark blue or black with a white grid pattern, and they are arranged in rows that recede into the distance. The sky above is a clear, bright blue with some light, wispy white clouds. The overall lighting is bright and natural, suggesting a sunny day.

Climate Pollution Reduction Implementation Grant Virtual Power Plant Plus Program Overview

Dana Vingris and Meg Maloney

GHG emissions in the residential sector are dominated by transportation emissions (47%). The commercial/institutional and industrial sectors are dominated by emissions from electricity (50% and 52% respectively).

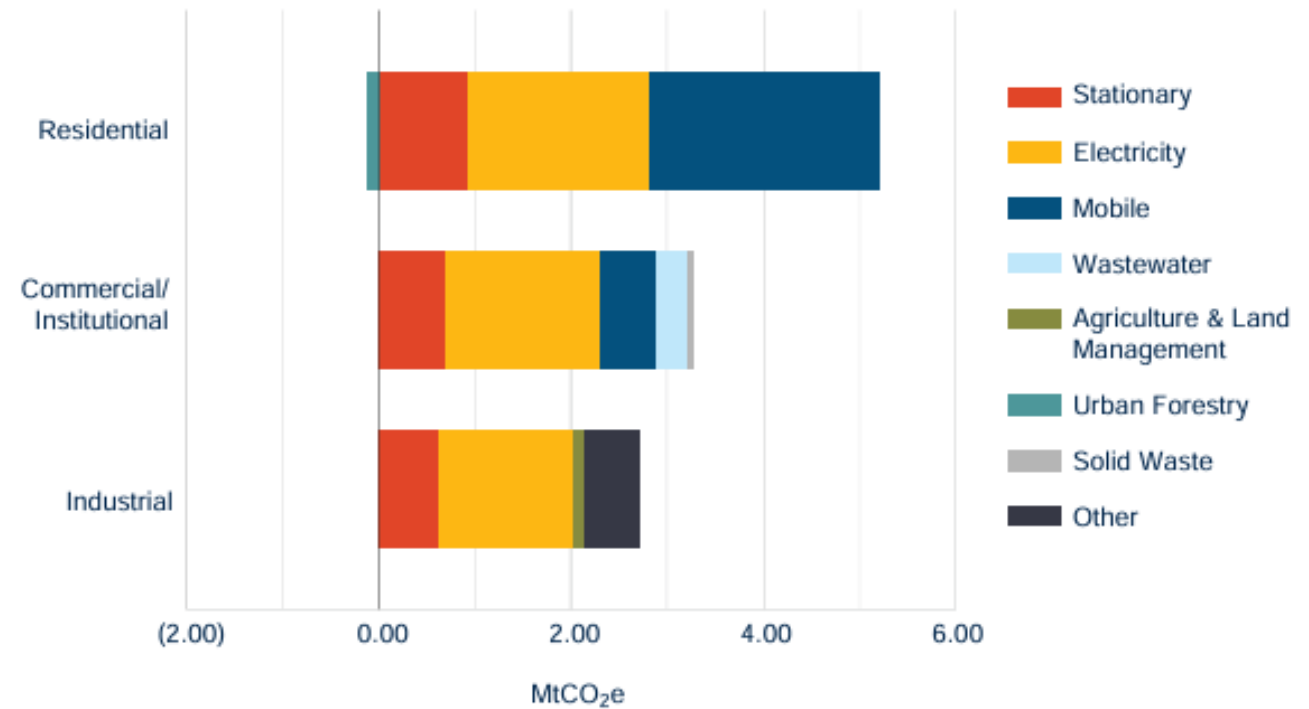


Figure 16. GHG emissions with sectoral components, 2021. Source: SSG analysis.

Priority Climate Action Plan Results

6 Benefits Analysis for Low-income and Disadvantaged Communities (LIDAC)

LIDAC
Communities
according to
CEJST

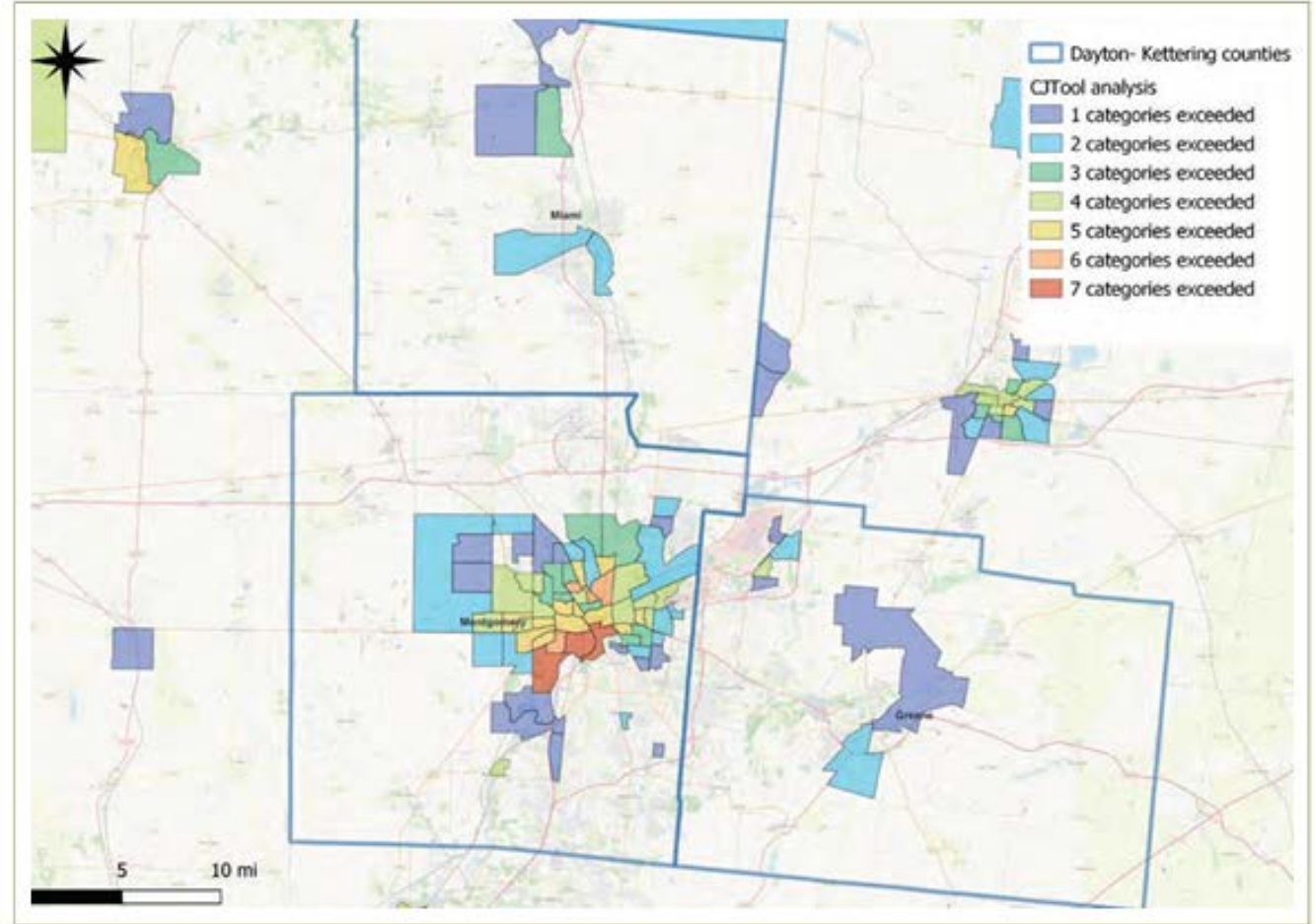
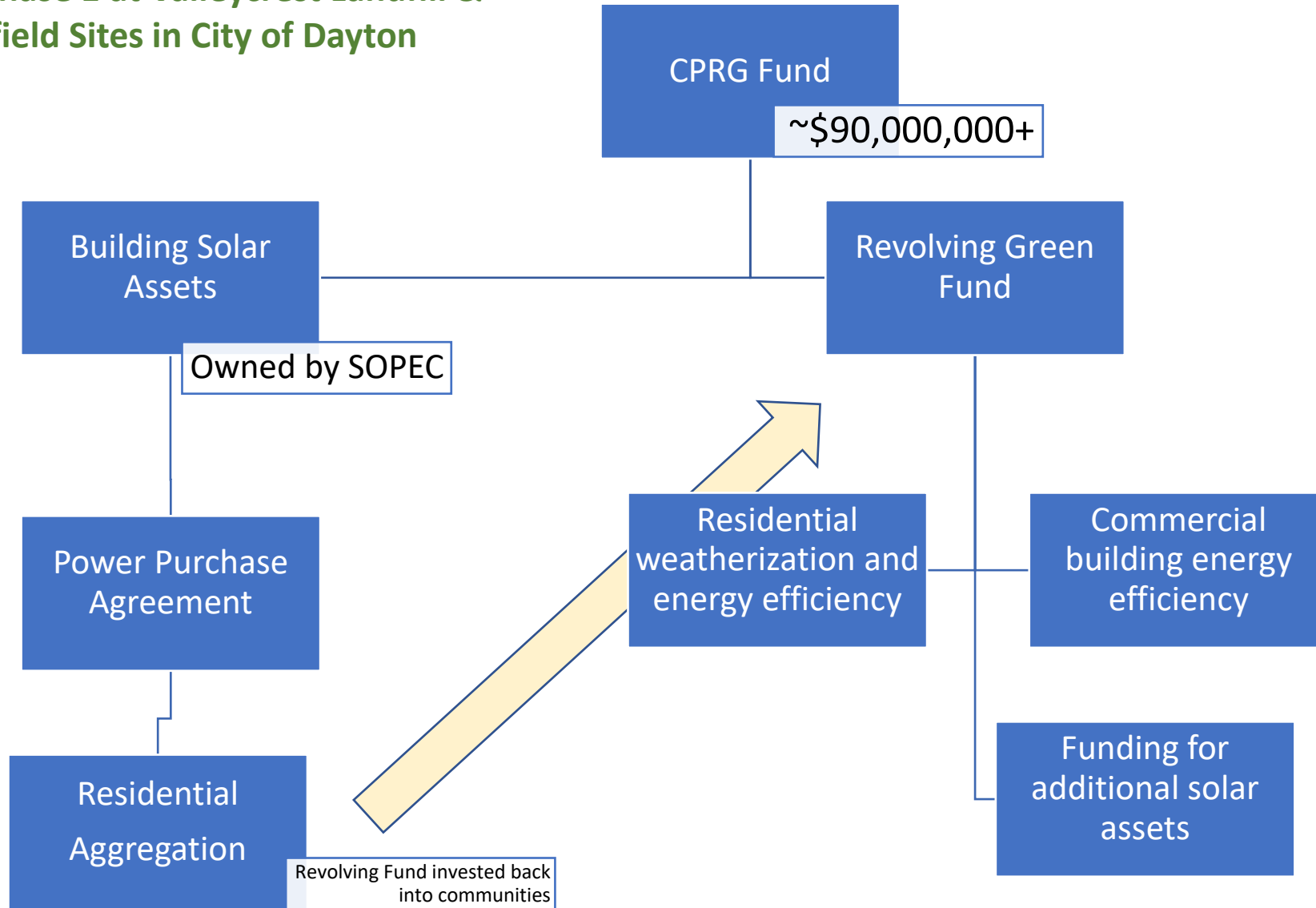


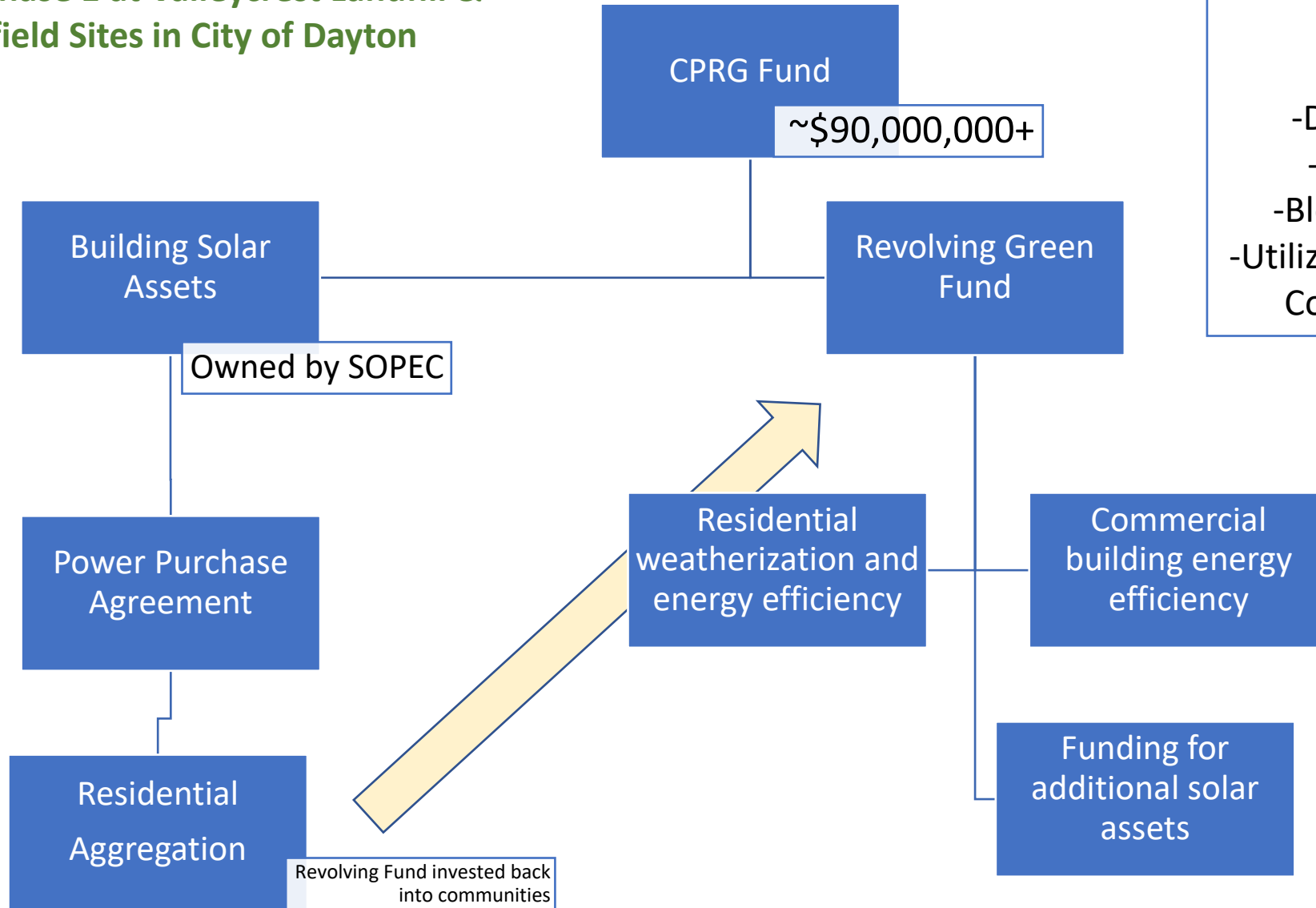
Figure 33. Mapping the disadvantaged communities in Miami Valley according to the CEJST and the number of categories exceeded. Source: Adapted from Council on Environmental Quality, 2022.

Pilot: Phase 1 at Valleycrest Landfill & Brownfield Sites in City of Dayton



Grant targets: Emission reduction in electricity sector and supporting LIDAC communities

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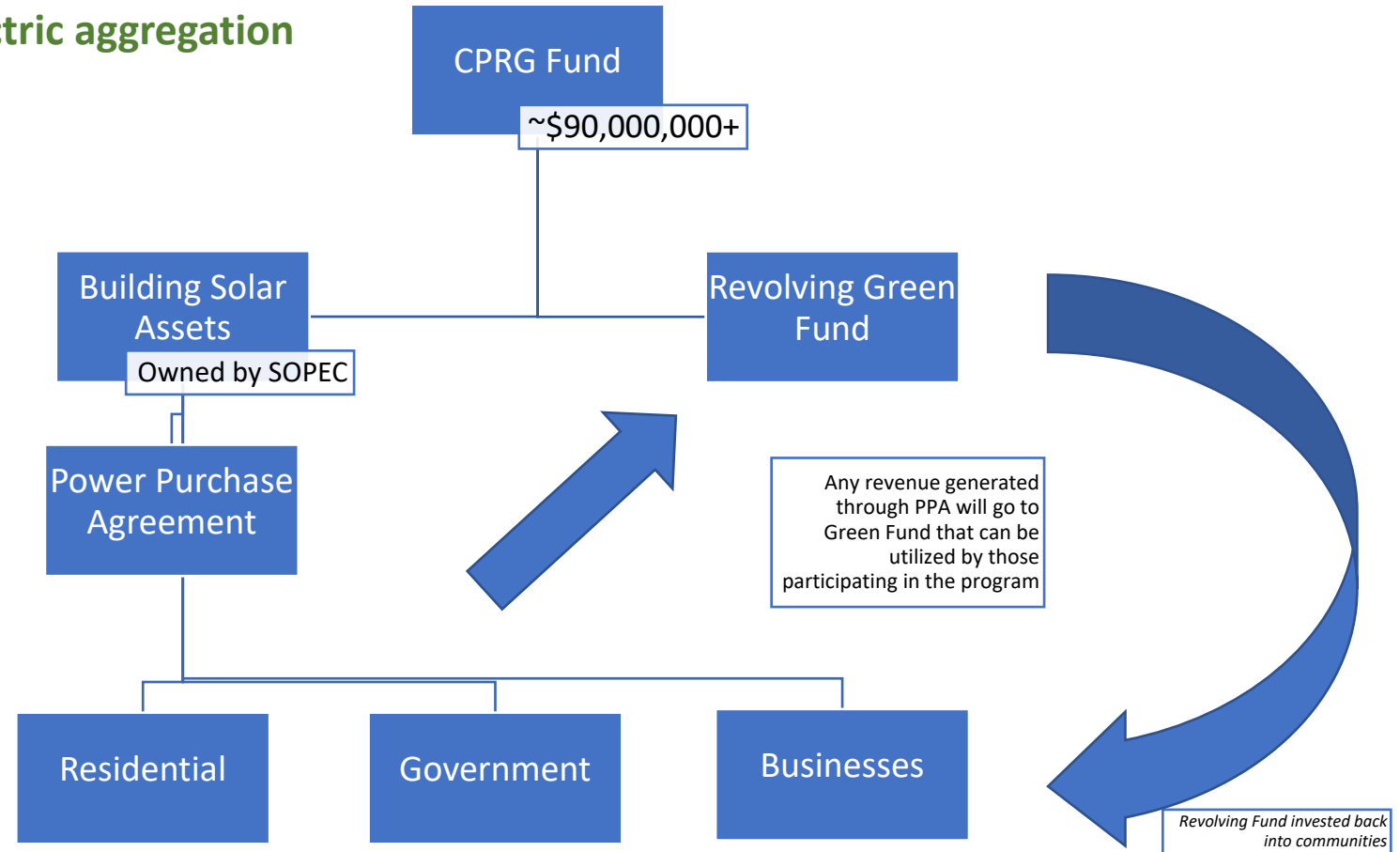
This model leverages funding from:

- Solar for All
- DOE BPS Funding
- State programs
- Bloomberg Funding
- Utilizing BYG Platform for Commercial Sector

Grant targets: Emission reduction in electricity sector and supporting LIDAC communities

Pilot: Phase 2

Open to communities with undevelopable land and can be utilized through electric aggregation or public pricing program



Revolving Green Fund

	Program Type	Qualifier	Offering	Leveraged/Complimentary State and Federal Programs
Tier 1	Low Income Residential	At or below 200% below federal poverty level	Fully subsidized funding supporting weatherization, critical home repair, and electrification needs not covered by existing HWAP and Home Repair Federal Assistance Programs	Federal HWAP Federal Home Repair IRA State Rebates (electrification) Solar for All
Tier 2	Low Income Residential	300% federal poverty level / 80% AMI	Fully subsidized funding supporting weatherization, critical home repair, and electrification of homes	IRA State Rebates Solar for All
Tier 3	Residential	Non-income qualifying	Low interest loan program to incentivize emissions reducing upgrades and improvements	
	Small Commercial	Size of facility or size of business (<u>need to determine</u> qualifier and limits)	Technical Assistance Program supporting EE upgrades and improvements	OAQDA Small Business programs ODOD EE programs

How Can You Community Get Involved?

- Write a letter of support
- Talk to your cities/counties about undevelopable land (like brownfield or landfill) that solar might be a good option

Questions?



Contact Dana Vingris or

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Applications are due April 1st!
Letter of Support are due next week