



# Office of Energy & Sustainable Development UPDATE

Environment and Climate Commission  
September 28, 2022



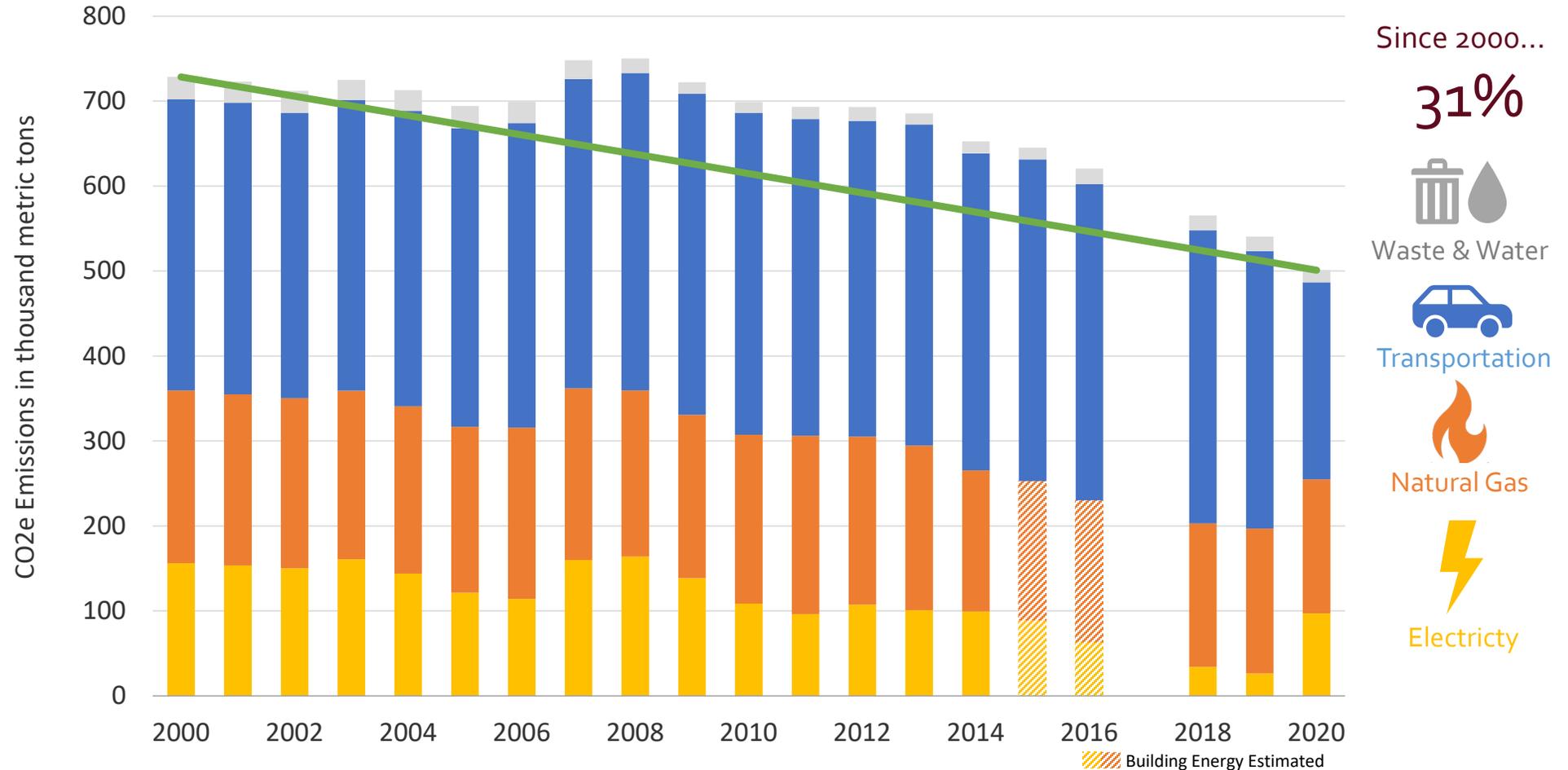


# OESD Council Items for Commission Input

Initiative	Commission	Council
Just Transition Pilot Program	July 2022 (input on funding categories) September 2022 (input on project plan)	FITES October 2022 (input on funding categories and project plan) Mid 2023 (award contract)
Report on GHG Emissions Inventory & Performance Indicators	July 2022 (input Performance Indicators) September 2022 (preview)	November 2022
Local Building Code Amendments	September 2022	November/December 2022
Climate Equity Fund Pilot Programs	2023 Annual report (input)	2023 Annual report
BESO Time of Listing Requirements	December 2022 (input) 2023 (recommendation on ordinance)	2023 (ordinance amendment)
BESO Building Performance Standards	2023 (input) 2024 (recommendation on ordinance)	2024 (ordinance amendment)

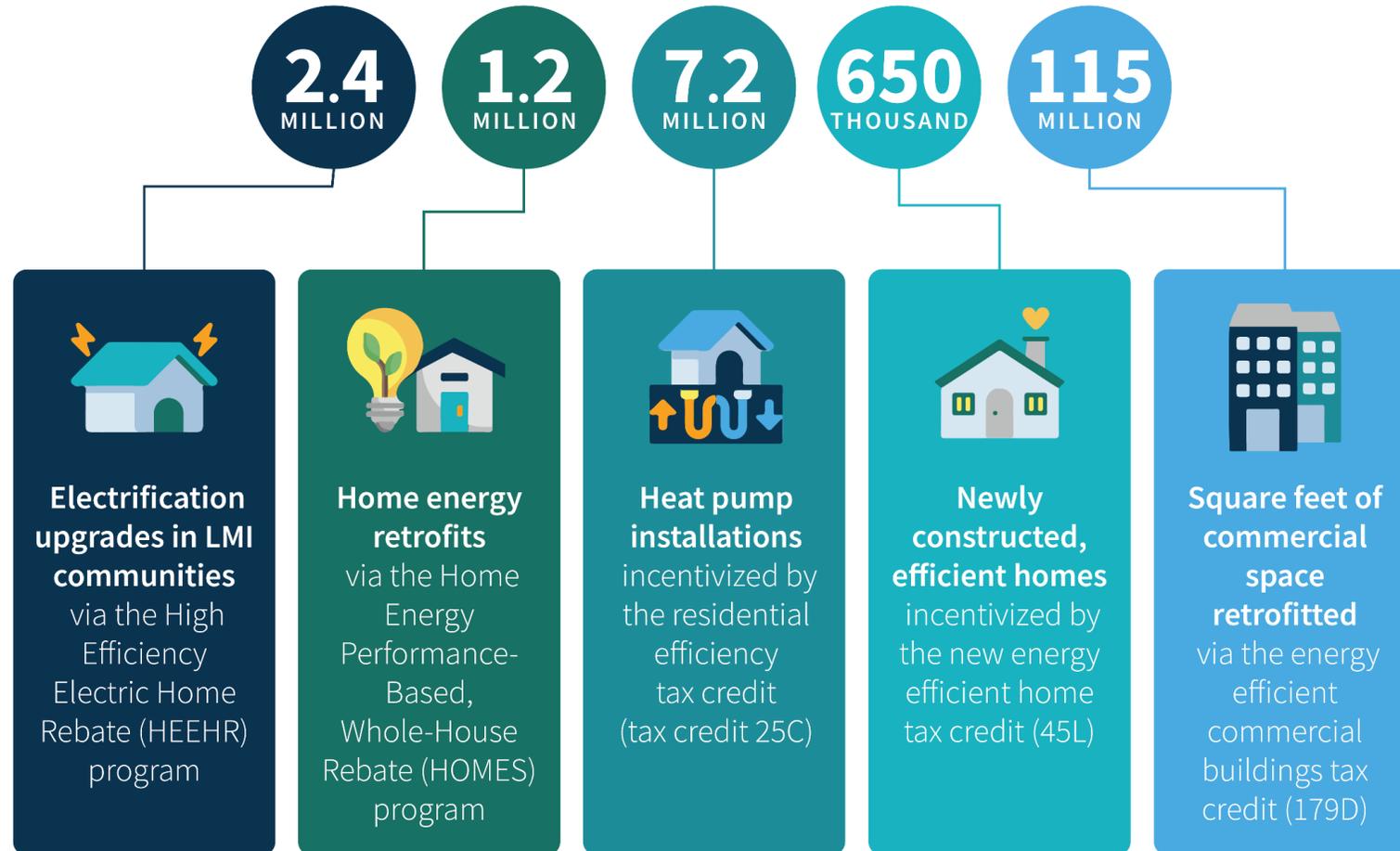


# 2020 Community-Wide GHG Emissions





# Inflation Reduction Act (IRA) Federal Funding





# IRA HEERA Program

## High-Efficiency Electric Home Rebate Program (HEERA)



2023



DOE to States

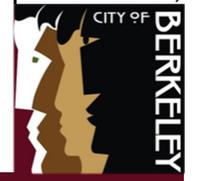


\$4.5 billion

This is a 10 year rebate program to help LMI families electrify their homes. \$4.275 billion will be distributed by state energy offices and \$225 million by Tribal governments.

### Income eligibility:

- Low-income: <80% AMI, 100% of costs covered including installation
- Moderate-income: 80-150% AMI, 50% of costs covered including installation
- Rebates extended to multifamily buildings if 50% of residents are LMI



# IRA HOMES Program

## Home Energy Performance-Based, Whole-House Rebate (HOMES) Program



TBD



DOE to States



\$4.3 billion

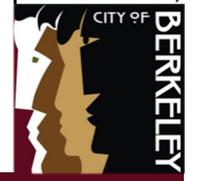
\$4.3 billion for energy efficiency and electrification upgrades for LMI and non-LMI homeowners and multifamily buildings based on modeled or measured energy savings. The rebates available are:

- Non-LMI homeowners: Up to \$4,000 or 50% of project cost for a 20-35 percent reduction
- LMI homeowners: Up to \$8000 or 80% of project cost for 20-35 percent reduction
- Multifamily buildings: Up to \$400,000 or 50% of project cost for a 35 percent reduction (buildings with 50 percent LMI residents can claim up to 80% of project cost)



# IRA Tax Credits

<b>EV Tax Credit (30D)</b>	 2023	 Tax Credits	 Varies
<b>Energy Efficient Home Improvement Credit (25C)</b>	 2023	 Tax Credits	 Varies
<b>Residential Clean Energy Tax Credit (25D)</b>	 2023	 Tax Credits	 Varies



# IRA Programs for Local Governments

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- Greenhouse Gas Reduction Fund (the Green Bank)
- Energy Efficient Commercial Buildings Deduction
- Climate Pollution Reduction Grants
- Latest and Zero Building Energy Code Adoption
- Improving Energy Efficiency, Water, Resilience of Affordable Housing
- Low Emissions Electricity Program
- Clean Heavy-Duty Vehicles
- Neighborhood Access and Equity Grant Program
- Investing in Coastal Communities and Climate Resilience
- Environmental and Climate Justice Block Grants
- State and Private Forestry Conservation Programs



# IRA Funding Timeline

## Timeline for IRA to Hit the Streets



Source: RMI



# Energy Efficiency Community Block Grant (EECBG)

- Infrastructure Investment and Jobs Act (2021) provides \$550 million for Energy Efficiency & Conservation Block Grants
- Purpose: Assist eligible entities in implementing energy efficiency & conservation strategies to:
  - Reduce fossil fuel emissions created as a result of activities within the jurisdictions of eligible entities
  - Reduce total energy use
  - Improve energy efficiency in the transportation, building, and other appropriate sectors
- Notice of Funding Opportunity from US DOE expected Q4 2022



More information at: <https://www.energy.gov/bil/energy-efficiency-and-conservation-block-grant-program>



# EBCE Commercial R100 Transition

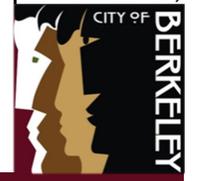
Jurisdiction	Change from early August	
	Opt Out to PG&E	Remain on Bright Choice
Berkeley	0.06%	0.29%
Dublin	0.01%	0.31%
Emeryville	0.01%	0.6%
San Leandro	0.06%	0.12%

## EBCE Outreach

- Email Notices (August & October)
- Print Notice (August & October)
- Webinars (August & September)
- Banner ads in local newspapers
- Events (i.e. Solano Stroll)
- NextDoor

## City Outreach

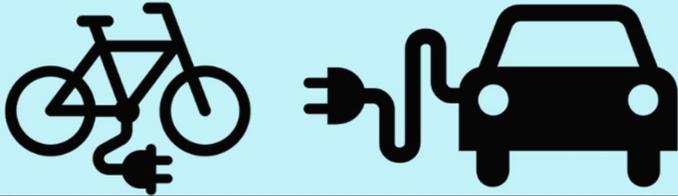
- Emails to grocery, convenience and liquor stores, gas stations, restaurants and hotels, and nursing and residential care
- Business District Meetings & Industry Gatherings
- City News Release
- City Council Newsletters



# Outreach

**RIDE ELECTRIC**

October 15th, 11 AM - 3 PM  
20 Virginia Gardens, Berkeley  
At the Harvest Festival  
<https://tinyurl.com/RideElectric2022>



The illustration shows a black silhouette of a bicycle on the left and an electric car on the right. A charging cable with a plug is shown connecting the two. The background is light blue, and the bottom of the graphic has a black road-like border with white dashed lines.



**Limited time  
discounts on  
solar + battery  
storage!**

SIGN UP BEFORE  
**NOVEMBER 15, 2022**

 **SUNSHARES**

**[bayareasunshares.org](https://bayareasunshares.org)**

The graphic features a photograph of a house with solar panels on its roof, set against a light blue sky. The text is arranged in a clean, modern layout with a mix of bold and regular fonts. The SunShares logo is a stylized sun icon.