

IRA Briefing for EEBCO

December 2022



COLORADO
Energy Office

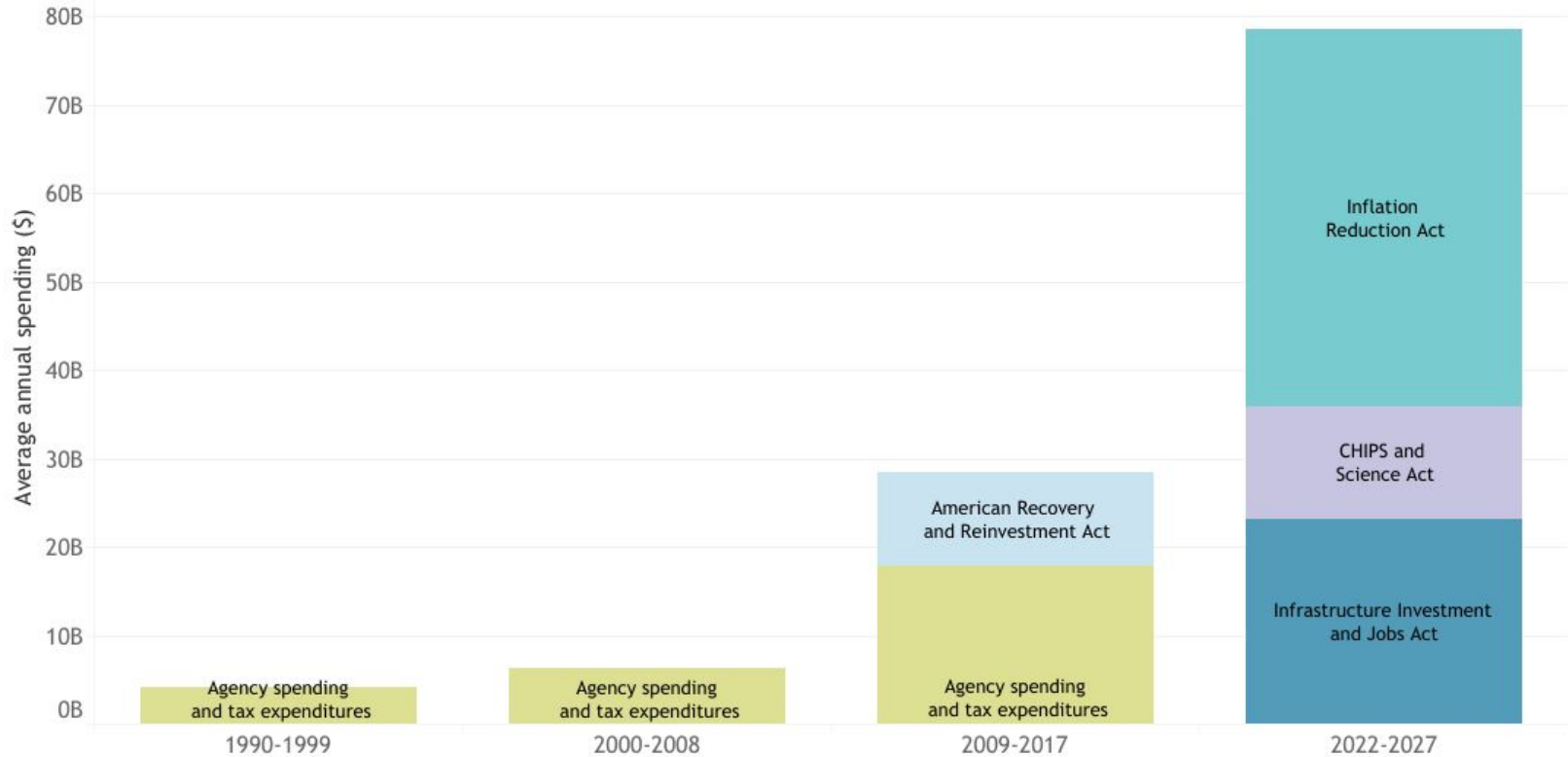
About the Colorado Energy Office

- The CEO is a non-regulatory, non-enforcement office of the Governor
- CEO uses its programs, including education and grants, and its legislative and regulatory policy work to further our mission of reducing greenhouse gas emissions to benefit all Coloradans
- 55 staff (and growing)!
- Programs include Weatherization Assistance, vehicle electrification, building codes, benchmarking, energy performance contracting, industrial emissions reductions, energy financing, legislative and regulatory policy

IRA - What We Know So Far:

- Billions of dollars of federal investment in Colorado— how much depends on enabling Coloradans to take advantage of available incentives.
- Many of the IRA provisions are **uncapped**, and several others will be distributed on a first-come, first-served or competitive basis.
- Some programs will run through the Energy Office, some funding likely to go to CDPHE. Many programs are direct to consumer, but can help enable/encourage participation.
- DOE, EPA, IRS all working to release draft guidance, solicit feedback on program design

Historic Investment in Climate



Source: RMI - *Congress's Triple Whammy: Innovation Investment and Industrial Policy*

IRA Funded Programs that CEO will set up

Title	Description	CO Amount	Timeline
High Efficiency Electric Home Rebate Program	Rebates on efficient electric appliances to low and middle income families (\$4000 for middle income, \$8000 for households earning less than 80% AMI)	\$70.3M	Have two years to set up a program, CEO awaiting DOE guidance
Home Energy Performance-Based, Whole Home Rebates (HOMES)	Rebate programs for electric home appliances for low- and middle-income recipients (less than 150% the area median income)	\$69.9M	Have two years to set up a program, CEO awaiting DOE guidance
Home Energy Efficiency Contractor Training Grants	Training for contractors involved in installation of home energy efficiency and electrification improvements	TBD (\$200M nationally)	Have two years to set up a program, CEO awaiting DOE guidance

Tax Credits for Consumers

Type	Amount	Notes
Tax Credit for New EVs	\$7,500	Critical mineral and manufacturing requirements
Tax Credit for Used EVs	\$4,000	
New Energy Efficient Home Tax Credit (45L)	up to \$5,000	No budget cap for 10 yrs
Residential EE Tax Credit (25C)	up to \$2,000 for Heat Pumps, among other	No budget cap for 10 yrs
Solar Tax Credit (extension)	30% through 2033	includes battery storage
Community Solar, Low Income Credit	Up to 70%	

EPA has large role in addition to DOE

- \$41.5 billion in appropriated supporting 24 new and existing programs, including:
 - \$27 billion to capitalize existing and new green banks and fund state and local government investment in distributed energy and other clean technologies
 - \$5 billion for Climate Pollution Reduction Grants at the state, local, and Tribal level to develop and implement plans to reduce greenhouse gas emissions
 - \$3 billion in Environmental and Climate Justice Block Grants to fund community based nonprofit organizations
 - \$3 billion in Grants to Reduce Air Pollution at Ports to purchase & install zero emission technology and develop climate action plans
 - \$1.55 billion for the Methane Emissions Reduction Program to Fund grants and technical assistance to accelerate emissions reduction from petroleum and natural gas systems
 - \$1 billion for Clean Heavy Duty Vehicles to provide grants, rebates, and contract support to replace heavy duty vehicles with zero emission alternatives



Timeline

August 16th, 2022 – IRA Becomes Law

All residential solar and geothermal projects from 2022 receive 30% from ITC

February 12, 2023 (180 Days)

GHG Reduction Funds start flowing from EPA

September 2026

Environmental and Climate Justice Block Grants must be spent

September 2029

Building Codes money must be spent

Jan 1st, 2023

45L, 179D, 25C, 25D tax credits get updated incentives and requirements

August 16, 2024 (2 years)

-Deadline for states to develop HOMES and HEEHR plans and get DOE approval
-GHG Reduction Funds must all be distributed

September 2028

HUD program money must be spent

December 2031

Tax Credit programs begin to expire



Thank You!

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