



The “Best in Class” Trackers on Inflation Reduction Act Implementation and Impact

Issue Brief

December 20, 2023

The energy efficiency and clean energy incentives included in the [Inflation Reduction Act](#) (IRA) have spurred significant private and public investment in the clean energy transition since the law’s passage in 2022. As BCSE members work to evaluate and communicate the success of the IRA’s initiatives, up-to-data statistics and analysis are crucial. This issue brief provides a sampling of trackers from clean energy industries, federal agencies and NGOs that show the IRA’s impact on clean energy project announcements, job creation, and carbon emissions reductions.

IRA Implementation Progress

[Inflation Reduction Act Tracker](#)

The IRA Tracker is a collaboration between the Columbia Law School’s Sabin Center for Climate Change Law and the Environmental Defense Fund. The tracker highlights the **209 actions taken by 16 government agencies to implement climate change related provisions of the IRA**. An overview of these provisions can be found in the accompanying [IRA Database](#), organized by federal agency. Being highly filterable, users can view agency actions based on IRA section, agency, eligible entity, or action type (i.e., announcement vs. final rule). For further information, agency actions are accompanied by links with “opportunities for participation and additional resources.” This tool is useful to organizations wanting to understand eligibility requirements and ways to take part in these agencies’ programs.

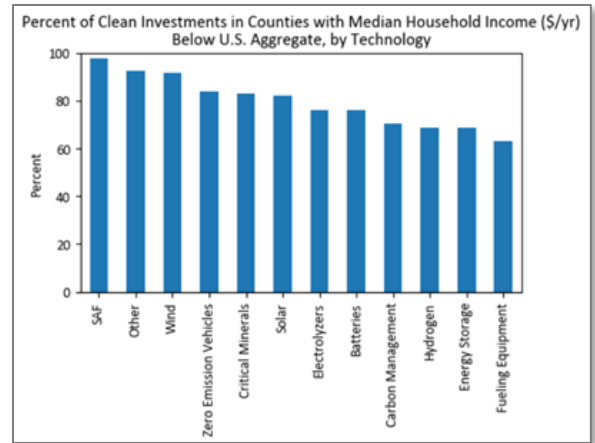
[Federal Funding Tracker for Buildings](#)

In partnership with the Environmental Protection Agency (EPA), the National Association of State Energy Officials (NASEO) created the *Federal Funding Tracker for Buildings*. This database captures the ongoing key funding opportunities provided by the IRA and bipartisan Infrastructure Investment and Jobs Act (IIJA), **including 31 active programs totaling \$50 billion in funding**. The programs outlined in this tracker vary by funding amount, eligibility, disadvantaged community prioritization, and more. For a quick glimpse at what is to come, note the “Next Program Milestone Date/Description.” While the straight-to-the-point tracker is currently sorted by order of Enabling Bill Provision, it would be elevated by allowing viewers to filter the programs using a wide range of fields.

The Inflation Reduction Act: A Place-Based Analysis

A new analysis from the U.S. Department of Treasury highlights that the IRA is driving clean energy investments to underserved communities and energy communities at the forefront of fossil production. Using data from MIT and Rhodium Group's [Clean Investment Monitor](#), this study concluded **over 80% of post-IRA clean investments have gone to counties with below-average wages and more than 85% have gone to counties with below-average college graduation rates.** The analysis finds

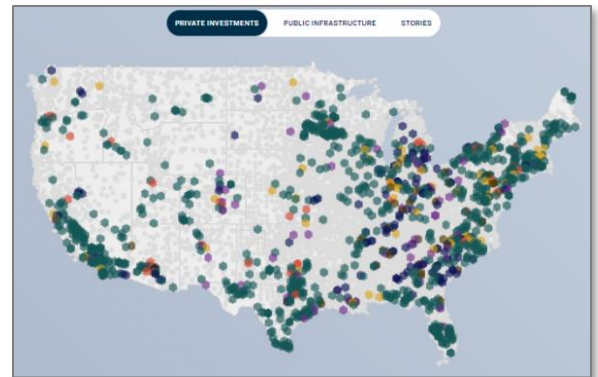
investment is booming across the country, but it is growing even faster in energy communities which have historically relied on economic activity from coal mines or fossil-fuel power plants.



Tracking Clean Energy Announcements

White House Investing in America Tracker

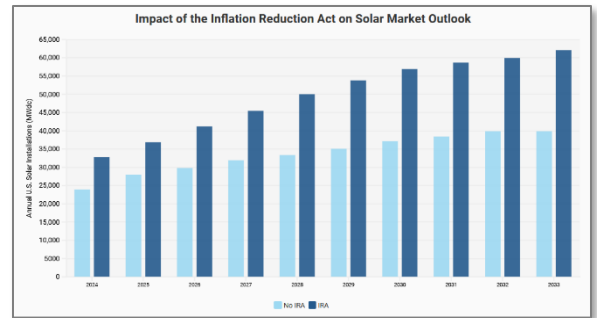
This interactive map provides a snapshot of the thousands of clean energy, infrastructure, manufacturing, and electricity projects that have been introduced across the United States since the passage of the IRA and IIJA. To date, **\$35.7 billion has been “announced for grants, rebates, and other initiatives to accelerate the deployment of clean energy, clean buildings, and clean manufacturing.”** With an advanced search under “Public Infrastructure”, the map can filter projects by funding source, funding agency, and program name. Users will find this map useful for understanding the impact of the IRA from a geographical and topical standpoint, however, no further resources are provided to continue learning about specific programs or initiatives.



Tracking Clean Energy Announcements (Cont.)

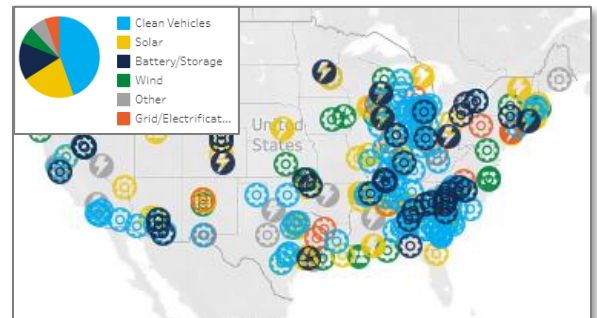
Impact of the Inflation Reduction Act

This factsheet from the Solar Energy Industries Association summarizes the rapid growth the solar industry has seen since the passage of the IRA and charts anticipated future growth, spurred by the IRA’s clean energy investments. Over the next 10 years, **the IRA is expected to drive “48% more solar deployment” and “increase CO2 emissions offsets from 169 million metric tons (MMT) today to more than 459 MMT by 2033.”** The [factsheet](#) provides more topline facts on job creation, manufacturing capacity expansion, and private sector investment in the solar industry.



Tracking New Clean Economy Projects, Expansions, and Production Announced Across America Since the Inflation Reduction Act

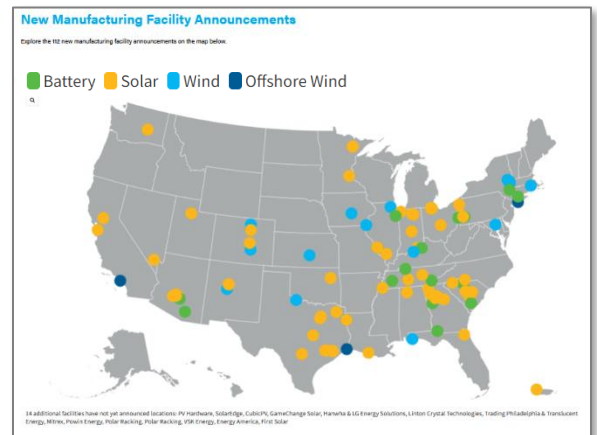
Created and maintained by E2, this interactive tool provides a live map illustrating **251 newly announced large-scale clean energy projects covering 40 states** across the United States since the passage of the IRA. Broken down by project type and sector, the map can be filtered by state or announcement date. For an added level of specificity, all new projects are listed below the map with links leading to the original announcements and statistics on job creation and investment totals. All data is based on publicly available information.



Clean Energy Investing in America

The American Clean Power (ACP) Association tracks announcements of new or expanded utility-scale manufacturing facilities since the passage of the IRA through their interactive Clean Energy Investing in America report. Included in these **107 announcements is 246,530 MW provided by projects and \$4.4 billion in customer savings.**

Paired with graphical visuals, the tracker details the number of announcements in the battery, solar, wind, and offshore



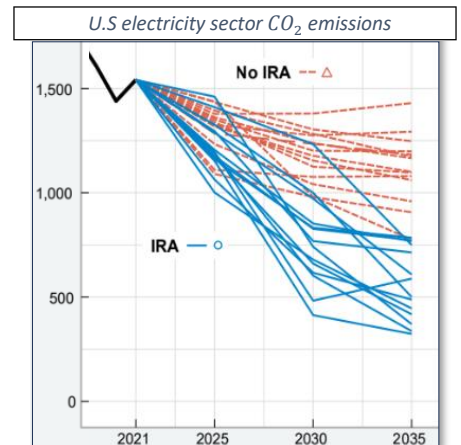
wind sectors and their impact on manufacturing capabilities, capital investment, and clean power capacity. To help keep this report up-to-date, fill out this [form](#) to add a manufacturing facility announcement to future updates.

Measuring Emissions Reductions

Reports from the Environmental Protection Agency (EPA) and Department of Energy (DOE)

Released in September 2023, the EPA's [Electric Sector Emissions Impacts of the Inflation Reduction Act](#) report tracks and projects sector-by-sector improvements – attributable to the IRA – in limiting direct and indirect emissions. By comparing two scenarios – no IRA vs. IRA – the report offers a comprehensive look at economy-wide emissions trends and identifies key IRA provisions contributing to these positive results.

Similarly, the [Investing in American Energy](#) (Aug. 2023) report from the Department of Energy examines three scenarios of potential long-term impacts of the IRA – no IRA, moderate IRA implementation, and advanced IRA implementation. In an advanced scenario, the analysis **predicts GHG emissions to decline to 35%-41% below 2005 levels by 2030.**

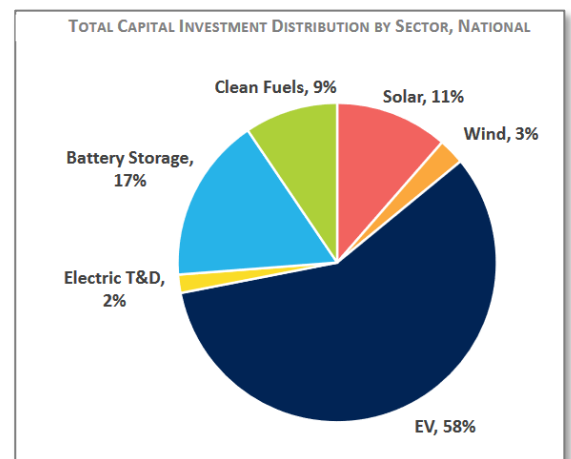


Clean Energy Jobs Growth

Clean Economy Works Report

Taken from E2's clean energy projects tracker, this report summarizes the economic benefits resulting from new major clean energy projects induced by the IRA over the next five years.

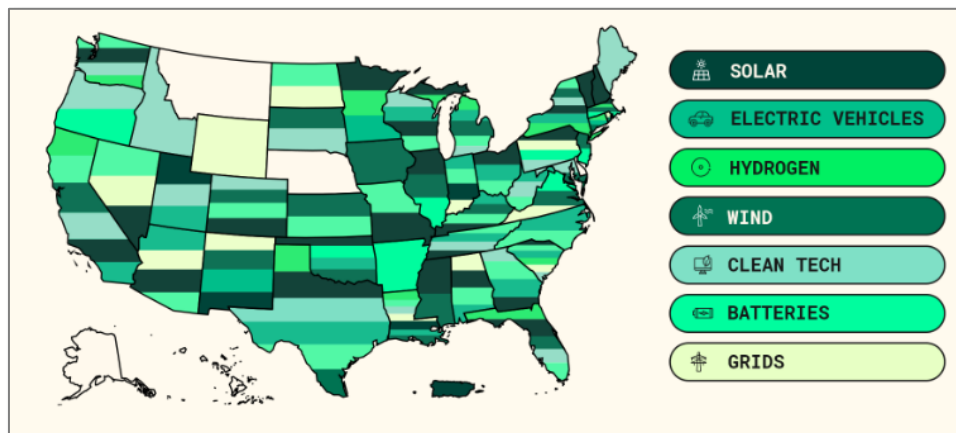
Of note are **more than 400,000 jobs created or supported each year** across the solar, wind, EV, electric transmission & distribution, battery storage, and clean fuels sectors and **\$106.4 billion in total private investment.** Appendix C features a list of announced projects used in the analysis sorted by sector.



Clean Energy Jobs Growth (Cont.)

Clean Energy Boom

Provided by Climate Power and updated every two months, the Clean Energy Boom report tracks new jobs stemming from clean energy project announcements made since the passage of the IRA. Between August 2022 and September 2023, “**211,350 jobs across 45 states and Puerto Rico**” were created **owing to projects totaling \$310 billion in new investments**. Broken down by state and even congressional district, the report offers a more granular look at how investments are being made on a community level. Clean Energy Boom reports for individual states can also be found for [North Carolina](#), [South Carolina](#), [Ohio](#), [Tennessee](#), [Texas](#), [Wisconsin](#), [Pennsylvania](#), [Nevada](#), [Michigan](#), [Georgia](#), [Arizona](#), [Colorado](#), and [California](#).



For more information on this topic:



[IRS' Latest News & Resources on the IRA](#)

[Tracking and Evaluation of Research, Development, and Demonstration Programs at the US Department of Energy](#)

[Inflation Reduction Act Guidebook](#)

[White House IRA landing page](#)

[Clean Energy Business Network IRA FAQ](#)

[BCSE Guidance on IRA and IIJA Implementation Issue Brief](#)

[BCSE EV Tax Credit Issue Brief](#)

[BCSE Policy Actions on IRA and IIJA](#)

About BCSE Issue Briefs

These issue briefs are written and researched by BCSE staff. Are there any current energy news, policy areas, or pieces of legislation you'd like to learn more about? Let us know – reach out to [Lizzie Stricklin, Communications Manager](#) with any comments or topic suggestions.