

Two Year Progress Snapshot: Department of Energy's Bipartisan Infrastructure Law and Inflation Reduction Act Funding

On Track to Supercharge the Clean Energy Economy:



Building out a more resilient grid: \$13.1 billion has been made available through both competitive and formula grant funding to strengthen and modernize the electric grid and build out transmission lines. Of this, 61 projects have been selected for \$4.8 billion in competitive funding, and 157 states, Tribes, and territories across the nation have received \$772 million in formula grant funding.



Reducing Energy Costs through Building Upgrade: \$13.5 billion has been made available for upgrades to homes, businesses, school, and nonprofits. Of this, \$180.5 million has been selected for clean energy projects in schools across 22 states, \$3.2 billion has been made available to retrofit low-incomes homes, and \$8.8 billion will go toward Home Energy Rebates estimated to save households up to \$1 billion on energy bills annually.



Securing Key U.S. Clean Energy Supply Chains: \$9.8 billion made available through funding announcements to strengthen domestic clean energy supply chains, with specific funding to build out America's EV supply chain. Investments in manufacturing will fund 48 awarded and 16 selected new or upgraded manufacturing facilities to produce clean energy technologies like EV battery and heat pump components across 33 states. In addition, more than \$16B offered in loans to support the domestic automotive supply chain.



Supercharging Clean Industrial Innovation: \$6.4 billion has been made available to advance U.S. industrial competitiveness and reduce emissions across the industrial sector. \$8.7 billion has been made available for hydrogen, including \$7 billion selected to fund seven clean hydrogen hubs, which are expected to produce three million metric tons (MMT) of hydrogen annually and create tens of thousands of good paying jobs. In addition, \$4.5 billion has been made available to fund carbon capture and storage.¹



Creating High-quality, Accessible Careers: \$209 million has been selected for award to fund programs building up a clean energy workforce.

BY THE NUMBERS:

80B+ federal funds announced for clean energy.

40B+ in Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA) funding for **700+** competitively selected projects and **4000+** formula funding awardees.

100 % of programs launched.

\$60B+ of private capital matching federal dollars for selected projects.

¹A portion of the funding for hydrogen and carbon capture will go to sectors other than industrial emissions reduction.





Investing in Underserved Communities: \$350 million has been made available to revitalize energy communities, \$823 million has been made available to specifically support rural and remote communities, and \$596 million for Tribes through formula funding – with more to come.



Bolstering Clean Energy Generation and Storage: \$4.1 billion for projects selected to support clean energy generation and storage. This includes \$10 million for eight selected projects to strengthen America’s domestic solar supply chain; \$23.6 million selected for 15 projects to support research and development for deployment of offshore wind energy; \$71.5 million selected to support upgrading 46 hydroelectric facilities; and \$16.7 million to accelerate expansion of pumped storage and other hydropower technologies.

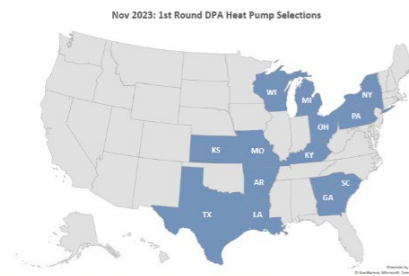
Impact Spotlight: Securing Key U.S. Clean Energy Supply Chains



Hydro Temp Corporation:

Hydro Temp Corporation was selected by DOE to negotiate \$10.8 million to fund a ten-fold increase in production of heat pumps in their manufacturing facility based in Pocahontas, Arkansas. Increased use of electric heat pumps will help lower energy costs and create healthier indoor spaces through American-made clean energy technologies. The Office of Manufacturing and Energy Supply Chain’s (MESC) [Heat Pump Defense Production Act Program](#) supports manufacturers in creating new facilities or expanding existing production capacity to develop electric heat pump systems, components, and materials in the United States.

Nov 2023: 1st Round DPA Heat Pump Manufacturing Selections



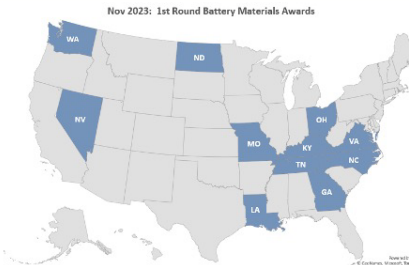
- 9 projects across 15 locations in 13 states
- \$169M in federal funding and \$438M total project funding
- Create over 1,500 high-quality, full-time jobs in disadvantaged communities
- 14 locations are within Energy Justice/Justice40 communities

Projects will expand domestic production capability of efficient electric heat pump systems, components, and materials in the United States.

Anovion Technologies:

\$117 million was awarded to Anovion to build 35,000 tons per annum of new synthetic graphite anode material capacity for lithium-ion batteries used in electric vehicles and critical energy storage applications. This U.S.-owned and operated, state-of-the-art manufacturing plant in northern Alabama will be the first of its size in North America and will create over 300 high-quality clean energy jobs in communities impacted by offshoring. MESC’s [Battery Processing and Manufacturing Grants Program](#) is focused on ensuring that the United States has a viable domestic manufacturing and recycling capability to support a North American battery supply chain.

Nov 2023: 1st Round Battery Materials Awards



- 15 battery processing and battery component manufacturing facilities across 11 states
- \$1.9B in federal funding and \$5.8B in total project funding
- Create over 2,000 permanent jobs and over 6,000 construction jobs
- 12 projects are located within or adjacent to Energy Justice/Justice40 communities

Projects will support new, retrofitted, and expanded commercial-scale domestic facilities to produce battery materials, processing, and battery recycling and manufacturing demonstrations.



U.S. DEPARTMENT OF **ENERGY**

OFFICE OF THE UNDER SECRETARY FOR **INFRASTRUCTURE**