

HOW TO APPLY FOR BIPARTISAN INFRASTRUCTURE LAW FUNDING

Through the Department of Energy



U.S. Senator Gary Peters

U.S. Senator Gary Peters (MI) helped pass the bipartisan Infrastructure Investment and Jobs Act (IIJA) into law which will help grow our economy, strengthen our economic competitiveness and make our economy more sustainable, resilient, and equitable.

In particular, funding made available through the IIJA for the Department of Energy (DOE) will enable the agency to support projects aimed at strengthening our power grid and combatting climate change.

See below to learn about programs through DOE that are supported through the bipartisan infrastructure law – and how you may be eligible to apply for assistance.

Resources

- DOE IIJA Fact Sheet [HERE](#)
- DOE Office of Energy Efficiency and Renewable Energy Funding Opportunities [HERE](#)
- Click [HERE](#) to learn how to apply.
- National Energy Technology Laboratory Solicitations and Funding Opportunities [HERE](#)
- Battery Policies and Incentives Search Tool [HERE](#)

Competitive Grant Funding:

- **Preventing Outages and Enhancing the Resilience of the Electric Grid Program (\$2.5B)** – Provides support for activities that reduce the likelihood and consequence of impacts to the electric grid due extreme weather, wildfire, and natural disaster.
- Eligible applicants: An electric grid operator, electricity storage operator, electricity generator, transmission owner or operator, distribution provider, fuel supplier, and other relevant entities as determined by DOE.



- **Energy Infrastructure Federal Financial Assistance Program (\$5B)** – To provide federal financial assistance to demonstrate innovative approaches to transmission, storage, and distribution infrastructure to harden resilience and reliability and to demonstrate new approaches to enhance regional grid resilience, implemented through States by public and publicly regulated entities on a cost-shared basis.
 - Eligible applicants: States, Tribes, local governments, or a public utility commission.
 - Click [HERE](#) for related funding opportunities.
- **Energy Improvement in Rural or Remote Areas Program (\$1B)** – Provides federal financial assistance to improve resilience, safety, and reliability and environmental protection in rural or remote areas.
 - Eligible applicants: Cities, towns, or unincorporated areas of 10,000 inhabitants or less.
- **Smart Grid Investment Matching Grant Program (\$3B)** – Provides grants to provide flexibility and help quickly rebalance the electrical system, facilitate the aggregation or integration of distributed energy resources, provide energy storage to meet fluctuating, provide voltage support, integrate intermittent generation sources, increase the network's operational transfer capacity, and anticipate and mitigate impacts of extreme weather events or natural disasters on grid resilience.
 - Eligible applicants: Utilities and other power sector entities
- **Transmission Facilitation Program (\$2.5B)** – For DOE to help develop nationally significant transmission lines, increase resilience by connecting regions of the country, and contribute to goals to lower electricity sector greenhouse gas emissions.
 - Eligible applicants: Utilities or other transmission developers.
- **Rural and Municipal Utility Advanced Cybersecurity Grant and Technical Assistance Program (\$250M)** – Provides grants and technical assistance for utilities to detect, respond to, and recover from cybersecurity threats.
 - Eligible applicants: Rural electric cooperatives, public utilities, or small utilities.



- **Carbon Dioxide Transportation Infrastructure Finance and Innovation (CIFIA) Program (\$2.1B)** – Provide flexible, low-interest loans for CO₂ transport infrastructure projects and grants for initial excess capacity on new infrastructure to facilitate future growth. CIFIA will help facilitate private sector investment in CO₂ infrastructure.
 - Eligible applicants: "Common carrier," transportation infrastructure operator or owner that provides public transportation services for a fee.
- **Carbon Storage Validation and Testing (\$2.5B)** – Expands DOE's Carbon Storage Validation and Testing program to include large-scale commercialization of new or expanded carbon sequestration projects and associated carbon dioxide transport infrastructure.
 - Eligible applicants: Industry stakeholders and developers of carbon sequestration projects, including those developing projects with substantial carbon dioxide storage capacity and those that will store carbon dioxide from multiple carbon capture facilities.
- **Direct Air Capture Hubs (\$3.5B)** – Supports projects that contribute to the development of four regional direct air capture hubs.
 - Eligible applicants: Industry stakeholders and developers of Direct Air Capture projects that can develop regional Direct Air Capture hubs, including carbon dioxide off-takers, connective carbon dioxide transport infrastructure, subsurface resources and sequestration infrastructure.
- **Clean Hydrogen Hubs (\$8B)** – Provides funding for projects that contribute to the development of at least four clean hydrogen hubs.
 - Eligible applicants: Industry stakeholders and developers of clean hydrogen projects that can demonstrate the production, transport and end-use of clean hydrogen across all relevant sectors.
- **Clean Hydrogen Manufacturing & Recycling Program (\$500M)** – Provides funding for research, development and demonstration projects to advance new clean hydrogen production, processing, delivery, storage and end-use equipment manufacturing technologies and techniques.
 - Eligible applicants: Industry stakeholders and developers of clean hydrogen manufacturing technologies including those that operate in partnership with tribal energy development organizations, Indian Tribes, Tribal Organizations, Native Hawaiian community-based organizations, or territories or freely associated states.



- **Clean Hydrogen Electrolysis Program (\$1B)** – Provides funding for research, development and demonstration projects to reduce the cost of hydrogen produced using electrolyzers.
 - Eligible applicants: Industry stakeholders and developers of projects that will support the program goals of reducing the cost of hydrogen produced using electrolyzers.
- **Clean Energy Demonstration Program on Current and Former Mine Land (\$500M)** – Program to demonstrate the technical and economic viability of carrying out clean energy projects on current and former mine land in a compatible manner with any existing operations.
 - Eligible applicants: Technology on current/former mine land site with reasonable expectation of commercial viability.
- **Carbon Capture Large-scale Pilot Projects (\$937M)**
 - Eligible applicants: Industry stakeholders, including those partnering with national laboratories, institutions of higher education, multi-institutional collaborations, and other appropriate entities.
- **Carbon Capture Demonstration Projects Program (\$2.5B)**
 - Eligible applicants: Industry stakeholders, including those partnering with national laboratories, institutions of higher education, multi-institutional collaborations, and other appropriate entities.
- **Battery Material Processing Grant Program (\$3B)** – To ensure the US has a viable battery materials processing industry by providing funding for demonstration projects and the construction and/or retooling of battery material processing facilities.
 - Eligible applicants: Institution of higher education, national laboratories, nonprofit and for profit private entities, state and local governments, consortia of these entities.
- **Battery Manufacturing and Recycling Grant Program (\$3B)** – To ensure the US has viable battery manufacturing and recycling capabilities by providing funding for demonstration projects and the construction and/or retooling of advanced battery manufacturing and recycling facilities.
 - Eligible applicants: Institution of higher education, national laboratories, nonprofit and for-profit private entities, state and local governments, consortia of these entities.



- **Lithium-Ion Battery Recycling Prize Competition (Phase III) (\$10M)** – Allows the Secretary to continue the Lithium-Ion Battery Recycling Prize and convene a task force on battery producer requirements.
 - Eligible applicants: Institution of higher education, national laboratories, nonprofit and for-profit private entities, state and local governments, consortia of these entities.
- **Battery Recycling Research, Development, and Demonstration Grants (\$60M)** – Provide grants for battery recycling research, development and demonstration, states and units of local government to assist in the establishment or enhancement of State battery collection, recycling, and reprocessing programs and retailers that sell batteries for the implementation or establishment of a system to collect used batteries.
 - Eligible applicants: Battery producers, battery retailers, institution of higher education, National Laboratories, nonprofit and for-profit private entities, state and local governments, consortia of these entities.
- **Programs to assist in the establishment or enhancement of State battery collection, recycling, and reprocessing (\$50M)**
 - Eligible applicants: Battery producers: manufacturers and sellers.
- **Program related to the acceptance and collection of covered batteries and covered battery containing products (\$15M)**
 - Eligible applicants: Battery producers: manufacturers and sellers.
- **Battery Recycling and Second-life Applications Program (\$200M)** – Expands an existing program at the Department of Energy for research, development, and demonstration of electric vehicle battery recycling and second-life applications for vehicle batteries.
 - Eligible applicants: Institutions of higher education, national laboratories, nonprofit and for-profit private entities, state and local governments, consortia of these entities.
- **Advanced Energy Manufacturing and Recycling Grant Program (\$750M)** – Program focused on small- and medium-sized manufacturers to enable them to build new or retrofit existing manufacturing and industrial facilities to produce or recycle advanced energy products in communities where coal mines or coal power plants have closed.
 - Eligible applicants: Small- and medium-sized manufacturing firms.



- **Grant Program for Processing of Critical Minerals and Development of Critical Minerals and Metals (\$400M)** – Establishes a critical mineral mining, recycling, and reclamation research and development grant program within the Department of Energy; establishes a Critical Minerals Subcommittee of the National Science and Technology Council to coordinate science and technology efforts on critical minerals including recycling and substitute materials; and establishes a Department of Energy grant program for pilot projects that process, recycle, or develop critical minerals.
 - Eligible applicants: Institutions of higher education, national laboratories, nonprofit entities, consortia of these entities.
- **Hydroelectric Production Incentives (\$125M)** – Provides additional funding for section 242 incentives for non-federal hydropower electricity production, including from hydropower facilities that have come online between 2005 and the passage of the IIJA.
 - Eligible applicants: Non-federal hydropower operators with less than 20MW capacity.
- **Hydroelectric Efficiency Improvement Incentives (\$75M)** – Provides additional funding for section 243 payments for non-federal hydropower efficiency improvements, and raises the amount of a project that can be covered from 10% to 30%.
 - Eligible applicants: Non-federal hydropower operators.
- **Hydropower Capital Improvements (\$553.6M)** – Provides payments to qualified non-federal hydropower operators for capital improvements to enhance a facility's grid resiliency assets, improve dam safety, and make environmental upgrades.
 - Eligible applicants: Non-federal hydropower operators.
- **Energy Auditor Training Grant Program (\$40M)** – Provides grants to States to train individuals to conduct energy audits or surveys of commercial and residential buildings.
 - Eligible applicants: States.
- **Cost-Effective Codes Implementation for Efficiency and Resilience (\$225M)** – Provides grants to States to enable cost-effective implementation of updated building energy codes.
 - Eligible applicants: Relevant state agencies; partnerships between state agencies and: local building code agencies, codes and standards developers, associations of builders and design and construction professionals, local and utility energy efficiency programs, consumer/efficiency/environmental advocates, and others.



- **Building, Training, and Assessment Centers (\$10M)** – Provides grants to institutions of higher education to establish building training and assessment centers to educate and train building technicians and engineers on implementing modern building technologies.
 - Eligible applicants: Institutions of higher education, tribal colleges or universities.
- **Career Skills Training (\$10M)** – Awards grants to pay the Federal share of associated career skills training programs under which students concurrently receive classroom instruction and on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient buildings technologies.
 - Eligible applicants: Nonprofit partnerships.
- **Future of Industry Program and Industrial Research and Assessment Centers (\$550M)** – Provides funding for institutions of higher education- based industrial research and assessment centers to identify opportunities for optimizing energy efficiency and environmental performance at manufacturing and other industrial facilities, and provides grants to small- and medium-sized manufacturers to make energy efficiency and clean energy improvements at their facilities.
 - Eligible applicants: Small- or medium-sized manufacturers having received an energy assessment.
- **State Manufacturing Leadership (\$50M)** – Provides funding to states to invest in smart manufacturing technologies.
 - Eligible applicants: States.
- **Grants for Energy Efficiency Improvements and Renewable Energy Improvements at Public School Facilities (\$500M)** – Allows the Secretary to award competitive grants to make energy efficiency, renewable energy, and alternative fueled vehicle upgrades and improvements at public schools.
 - Eligible applicants: Consortia of: education agencies, schools, nonprofit and for-profit organizations, community partners.
- **Energy Efficiency Materials Pilot Program (\$50M)** – Award grants to provide nonprofit buildings with materials to improve their energy efficiency.
 - Eligible applicants: Non-profit organizations



- **Assisting Federal Facilities with Energy Conservation Technologies Grant Program (\$250M)** – Provides funding to the Secretary to issue grants to other federal agencies and organizations to improve their energy efficiency and invest in renewable energy technologies.
 - Eligible applicants: Federal agencies
- **Industrial Emissions Demonstration Projects (\$500M)** – Provides funding to the eligible entities to develop crosscutting industrial emissions reduction technologies.
 - Eligible applicants: Scientists, institutions of higher education, nongovernmental organizations, National Laboratories, private entities, partnerships or consortia thereof.
- **Solar Energy Demonstration Projects (\$80M)** – Provides funding to demonstrate solar energy technologies.
 - Eligible applicants: Institutions of higher education including minority-serving institutions, National Laboratories, Federal research agencies, state research agencies, a research agency associated with a territory or freely associated state, a tribal energy development organization, an Indian tribe, a tribal organization, a Native Hawaiian community-based organization, industrial entities, nonprofit research organizations, or consortia thereof.
- **Wind Energy Demonstration Projects (\$100M)** – Provides funding to demonstrate wind energy technologies.
 - Eligible applicants: Institutions of higher education including minority-serving institutions, National Laboratories, Federal research agencies, state research agencies, a research agency associated with a territory or freely associated state, a tribal energy development organization, an Indian tribe, a tribal organization, a Native Hawaiian community-based organization, industrial entities, nonprofit research organizations, or consortia thereof.
- **Geothermal Energy Demonstration Projects (\$84M)** - Provides funding to demonstrate advanced geothermal energy technologies, including at least one demonstration project east of the Mississippi River.
 - Eligible applicants: Institutions of higher education, National Laboratories, Federal research agencies, state research agencies, industrial entities, nonprofit research organizations, or consortia thereof.
- **National Marine Energy Centers (\$40M)** – For hydropower and marine energy and National Marine Energy Centers
 - Eligible applicants: Institutions of higher education (or consortia thereof)



Formula-Based Funding:

- **Weatherization Assistance Program (\$3.5B)** – Provides funding to enables low-income families to reduce their energy consumption by making their dwellings more energy efficient.
 - Allotments: As a formula grant program, funding flows from DOE to state and territorial governments and then to local governments and weatherization agencies. State and territory allocations are determined by DOE and include a base allocation and a formula allocation. The formula allocation depends upon three factors: population, climate, and residential energy expenditure. As these factors change for a particular state or territory, the formula allocation portion will change. The funding level for the WAP also affects the formula allocation for a state or territory.
 - Further details on the WAP state and territory allocations can be found in the CRS report, *The Weatherization Assistance Program Formula*.
 - Click [HERE](#) to learn how to apply for Weatherization Assistance.
- **Energy Efficiency and Conservation Block Grant Program (\$550M)** – Provides funding to reduce fossil fuel emissions and total energy use and create jobs by working with cities, counties, states, U.S. territories, and Indian tribes to implement and manage energy efficiency and conservation projects and programs in the transportation, building, and other sectors.
- **State Energy Program (\$500M)** – Provides funding and technical assistance to states, territories, and the District of Columbia to enhance energy security, advance state-led energy initiatives, and maximize the benefits of decreasing energy waste.
 - Click [HERE](#) for program background and guidance.
 - Click [HERE](#) for SEP allocations for FY21.
- **Preventing Outages and Enhancing the Resilience of the Electric Grid Program (\$2.5B)** – Provides support to States and Indian Tribes for activities that reduce the likelihood and consequence of impacts to the electric grid due extreme weather, wildfire, and natural disaster.
- **Energy Efficiency Revolving Loan Fund Capitalization Grant Program (\$250M)** – Provides grants to States and Territories through the State Energy Program, with additional money going to priority states with the highest energy consumption and emissions per capita, to establish revolving loan funds to assist residential and commercial building owners with conducting energy audits and making energy efficiency upgrades to their homes and facilities.