



U.S. DEPARTMENT OF
ENERGY

MEPC IIJA Panel

Overview Slides

7/28/2022



Bipartisan Infrastructure Law



NOVEMBER 15, 2021

President Biden signs Bipartisan
Infrastructure Law



BRIEFING ROOM

**FACT SHEET: Biden-Harris
Administration Hits the Ground
Running to Build a Better America
Six Months into Infrastructure
Implementation**

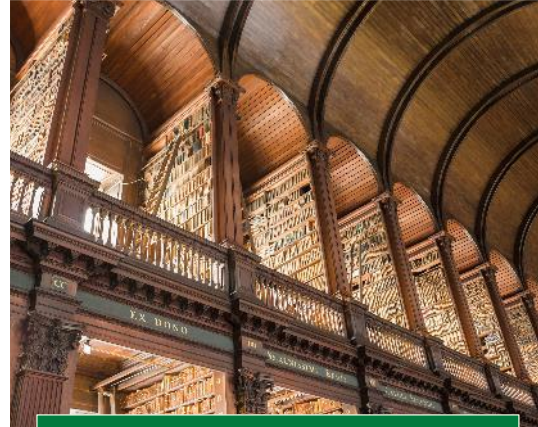
MAY 15, 2022

180 Days into
BIL Implementation

Who qualifies for Bipartisan Infrastructure Law funding?



Communities



States and Tribes



Utilities



Industry



Manufacturers



Non-profits



Universities



K-12 Schools

Intergovernmental & External Affairs – Regional Specialists



Jennifer Bumgarner
Principal Deputy Asst Secretary
Office of Congressional &
Intergovernmental Affairs



Rose Stephens-Booker
West (including HI and AK)



Christian Bato
Southwest

Inter-Mountain West
(coming soon)



Rose Dady
Midwest



Torend Collins
Appalachia / Mid-Atlantic



Spencer Thibodeau
Northeast



Matt Dannenberg
Tribal Liaison
Office of Congressional &
Intergovernmental Affairs

Crystal Perkins
South-Central

Southeast
(coming soon)



DOE has already released \$12B+ in funding

\$3.1B to lower utility bills through **energy efficiency home upgrades** for millions of Americans through DOE's Weatherization Assistance Program

\$3.1B to boost American **battery manufacturing and supply chains**

\$2.4B to support commercial scale demonstrations of **advanced nuclear reactors**

\$2.6B to support **carbon capture demonstration** projects

\$1.2B to prevent at-risk, carbon-free **nuclear facilities** from premature closure

\$11.2M to support **states** design State Energy Security Plans

\$1M to support **small and medium manufacturing** companies with clean energy manufacturing improvements

Hiring for the Clean Energy Corps

New DOE Jobs to Implement BIL Funding

- Business Administration
- Communications
- Engineering
- Finance/Accounting
- Grants/Contract Management
- Human Resources
- Information Technology/Cybersecurity
- Legal
- Legislative Affairs
- Physical Science
- Program and Portfolio Management
- Project Management
- Public Policy
- Safety and Occupational Health



Profiled Positions

Roles in Office of Manufacturing and Energy Supply Chains and State and Community Energy Programs:

-Stakeholder Engagement experts

-Workforce experts

-Small/Medium Business Development

Expanding Programs for State and Local Benefits

- State Energy Program (SEP)
- Energy Efficiency Conservation Block Grants (EECBG)
- Weatherization Assistance Program (WAP)

National Impact of SEP Funding



Resources

Visit energy.gov/bil for announcements and sign up for Bipartisan Infrastructure Law email updates.

Find **funding opportunities** and access detailed **program information**.

Email Updates

To receive the latest news and updates about the BIL programs at DOE, submit your e-mail address.

Enter Email Address

GO



Browse **Frequently Asked Questions (FAQs)** for answers to commonly asked questions.



DOE Bipartisan Infrastructure Law Program & Funding Opportunity Announcements

BIL PROVISION NAME	TYPE OF ANNOUNCEMENT	STATUS	ANNOUNCEMENT DATE	RESPONSE DUE DATE
Energy Storage Demonstration and Pilot Grants; and Long-Duration Energy Storage Demonstration Initiative and Joint Program	Request for Information	Open	5/12/2022	6/16/2022
Transmission Facilitation Program	Request for Information and Notice of Intent	Open	5/10/2022	TBD: 30 Days after publication date in the Federal Register
Battery Material Processing Grants; and Battery Manufacturing and Recycling Grants	Funding Opportunity Announcement	Open	5/2/2022	Letter of Intent Deadline: 5/27/2022 and Full Application Submission Deadline 7/1/2022
Electric Drive Vehicle Battery Recycling and Second-Life Applications Program	Funding Opportunity Announcement	Open	5/2/2022	Concept Paper Submission Deadline: 5/31/2022 and Full Application Submission Deadline 7/19/2022

BIL Provisions – Energy Efficiency and Renewable Energy

Provision & Title	Title / Description	Details	Funding Type	Amount	Sector
40551	Weatherization Assistance Program	Increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce total residential energy expenditures, and improve health and safety, especially low-income persons particularly vulnerable such as the elderly, handicapped and children.	Formula	\$3.5B	Residential
40552	Energy Efficiency and Conservation Block Grant Program	Assist states, local governments and Tribes to reduce energy use, reduce fossil fuel emissions and improve energy efficiency.	Formula (block grants, with small portion of funds competitive	\$550M	Residential and commercial
40541	Energy Efficiency Improvements and Renewable Improvements at Public School Facilities	Provide energy efficiency, renewable energy and alternative fueled vehicle upgrades, and improvements at public schools.	Formula	\$500M	Schools
40502	Energy Efficiency Revolving Loan Fund Capitalization Grant Program	Capitalization grants to states to establish a revolving loan fund under which they can provide loans and grants for commercial and residential energy audits concerning the use and efficiency of energy.	Formula - States can provide grants for TA available for low-income individuals	\$250M	Residential and commercial

BIL Provisions – Energy Efficiency and Renewable Energy

Provision & Title	Title / Description	Details	Funding Type	Amount	Sector
40511	Cost-effective Codes Implementation for Efficiency and Resilience	State agency, State building code agency, State energy office, or Tribal energy office	Formula	\$225,000,000 – \$45,000,000 per year until expended for each FY 2022-2026	Residential and commercial
40503	Energy Auditor Training	State agency, State building code agency, State energy office, or Tribal energy office May partner with local building code agencies, codes and standards developers, associations of builders and design construction professionals, local and utility energy efficiency programs, and consumer, energy efficiency and environmental advocates	Competitive and formula (sed on population of eligible state and not to exceed \$2M / per state	\$40M	Commercial
40521	Expansion of Industrial Assessment Centers		Competitive	\$550M	Industrial
40209	Advanced Energy Manufacturing and Recycling Grant Program		Competitive	\$750M	Industrial
40534	State Manufacturing Leadership		Competitive	\$50M	Industrial

BIL Provisions – Electric Grid

Provision	Title	Key Detail(s)	Funding Type	Amount	Lead Office
40101	Grid Infrastructure, Resilience, and Reliability	Supports activities to reduce the impacts to the electric grid due to extreme weather.	Formula - includes population, land area, and the historical precedence for experiencing disruptive events.	\$5 billion for FY22-FY26	States, tribes and territories
40103b	Upgrading Our Electric Grid and Ensuring Reliability and Resiliency	Program for states, tribes, PUCs and local governments for transmission, storage, and distribution hardening and regional grid resilience.	Competitive	\$5 billion for FY22-FY26	State, combination of 2 or more states; Indian Tribes; units of local government, and/or PUCs
40103c	Energy Improvement in Rural and Remote Areas	Uses: (A) Overall cost-effectiveness of energy generation, transmission or distribution systems; (B) siting or upgrading transmission and distribution lines; (C) reducing greenhouse gas emissions from energy generation by rural or remote areas; (D) providing or modernizing electric generation facilities; (E) developing microgrids; and (F) increasing energy efficiency.	Competitive	\$1 billion for FY22-FY26	Industry partners, utilities, national laboratories, universities, State and local governments, community based organizations, Tribal, and environmental groups
40106	Transmission Facilitation Program and Fund	Allows DOE to serve as an “anchor tenant” for a new transmission line or an upgrade of an existing line.	N/A	\$2.5 billion RLF – available until expended	
40107	Deployment of Technologies for Grid Flexibility - Smart Grid Investment Matching Grant Program	Amends Energy Independence and Security Act of 2007 to include Smart Grid investments	Competitive	\$3 billion for FY22-FY26	Investor-owned and municipality-owned utilities, and rural electric cooperatives.

BIL Provisions – Electric Grid (2)

Provision	Title	Key Detail(s)	Funding Type	Amount	Lead Office
41001a	Energy Storage Demonstration Projects	Authorizes funding for the Energy Storage Demonstration Projects and Pilot Grant Program authorized by the Energy Act of 2020.	Competitive	\$355 million for FY 22-25	Technology developers, industry, State and Local governments, Tribal organizations, community based organizations, national laboratories, universities and utilities.
41001b	Long-Duration Demonstration Initiative and Joint Program		Competitive	\$150 million for FY22-25	Technology developers, industry, State and Local governments, Tribal organizations, community based organizations, national laboratories, universities and utilities.
40104	Utility demand response	Each electric utility shall promote the use of demand-response and demand flexibility practices by commercial, residential and industrial consumers to reduce electricity consumption during periods of unusually high demand.	N/A	N/A	

BIL Provisions – Sustainable Transportation

Provision & Title	Title / Description	Key Detail(s)	Funding Type	Amount	Eligible Entity
40541.	Energy Efficiency Improvements and Renewable Improvements at Public School Facilities	Allows funding for EVSE	Formula	\$500M	BTO
40511.	Cost-effective Codes Implementation for Efficiency and Resilience	EV-ready codes	Formula	\$225M	BTO
25006	Federal Agency EV Joint Office Working Group (DOT and DOE) – state TA (no \$)	DOT, DOE and EPA	Technical assistance	N/A	VTO
40112	V2G and Battery Recycling - (subset of program includes grants to states to help with recycling efforts)	Part of larger R&D program	Formula	\$50M	VTO
40431	Electrification of the transportation sector (e.g., rate design to support EV charging usage)	PUCs	Technical assistance	No funding	VTO



Upcoming Funding Announcements

- Carbon Storage Validation & Testing
- Rare Earth Elements Demonstration Facility
- Rare Earth Mineral Security
- Solar Energy RD&D

- Enhanced Geothermal Systems Demos
- Direct Air Capture Hubs
- Three grid upgrade/modernization programs
- Hydropower RD&D
- State Energy Program
- Energy Efficient Transformer Rebate Program
- Extended Product Systems Rebate Program
- EE and Renewable Improvement at Public School Facilities
- Carbon Capture Technology Program, Front-End Engineering and Design

- Regional Clean Hydrogen Hubs
- Clean Hydrogen Manufacturing Recycling RD&D Program
- Clean Hydrogen Electrolysis Program
- Energy Storage Demonstration Projects
- Long Duration Demonstration Initiative
- Energy Improvement in Rural and Remote Areas
- Critical Material Innovation, Efficiency and Alternatives
- Marine Energy RD&D

And more to come in Fall 2022!

To receive updates on all funding announcements subscribe at:

[Energy.gov/BIL](https://www.energy.gov/BIL)

Formula awards, all others competitive solicitations

Bipartisan Infrastructure Law Funding for Utilities

[Carbon Capture Demonstration Projects Program](#)

[Carbon Capture Large-Scale Pilot Projects](#)

[Carbon Storage Validation and Testing](#)

[Carbon Utilization Program](#)

[Cybersecurity for the Energy Sector Research, Development, and Demonstration Program](#)

[Energy Efficient Transformer Rebates](#)

[Energy Sector Operational Support for Cyberresilience Program](#)

[Energy Storage Demonstration and Pilot Grants](#)

[Long Duration Demonstration Initiative](#)

[Modeling and Assessing Energy Infrastructure Risk / Advanced Energy Security Program to Secure Energy Networks](#)

[Power marketing administration transmission borrowing authority](#)

[Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency](#)

[Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative](#)

[Regional Clean Hydrogen Hubs](#)

[Regional Direct Air Capture Hubs](#)

[Rural and Municipal Utility Advanced Cybersecurity Grant and Technical Assistance Program](#)

[Smart Grid Investment Matching Grant Program](#)



U.S. DEPARTMENT OF ENERGY
Building a Better Grid

Upcoming Announcement Focus



Hydrogen Hub NOI

- \$8B for H2 Hubs connecting H2 producers, transport, and end use
- Funds hubs with geographic and feedstock diversity including solar, wind, and nuclear
- FOA coming later this summer/early fall

State Energy Program and Energy Efficiency Community Block Grants

- Formula funding going out to Cities, Counties, and States
- EECBG funding can be used for specific set of criteria
- DOE will support with technical assistance and model projects
- Formula to be released soon, with funding info early fall

Grid Resilience and Investment Programs

- \$10B for investments in grid resiliency, smart grid programs, and innovative transmission technology/plans
- Available for states, regional groups, local gov'ts, tribes, PUCs, utilities
- RFI to be released later in the Summer

IWG Clearinghouse: Doorway to BIL Opportunities for Energy Communities



We are delivering federal resources to help revitalize America's energy communities

GET FUNDING

Find out what your community or organization might be eligible to receive in grants, loans, technical assistance, or other support.

EXPLORE FUNDING CLEARINGHOUSE

124
Open/Planned Opportunities Currently Available
(Last updated: 2/24/24)

49
Opportunities Don't Require Matching Funds
(Last updated: 2/24/24)

\$199B+
Open/Planned Funding Available
(Last updated: 2/24/24)

Learn about new Bipartisan Infrastructure Law funding →

\$199B+

**Value of Open/Planned
Ongoing Appropriation Opportunities**

Title	Status	Funding Type	Department/Agency	Program Purpose	Eligible Recipients
Abandoned Mine Land (AML) Reclamation Program	Open	Grant - no match	U.S. Department of the Interior	Infrastructure, Water & Environment	Indian Tribe, State
Abandoned Mine Land Economic Revitalization (AMLER) Program	Open	Grant - no match	U.S. Department of the Interior	Infrastructure, Water & Environment	Indian Tribe, State
Advanced Biofuel Payment Program	Closed	Payment Program	U.S. Department of Agriculture	Infrastructure	Private Sector
Advanced Technology Vehicle Manufacturing Loan Program	Open	Loan	U.S. Department of Energy	Economic Development	Private Sector
American Rescue Plan Act (ARPA) Funding - Coal Community Commitment	Open	Grant - match required	U.S. Department of Commerce	Economic Adjustment, Economic Development, Infrastructure, Technical Assistance, Workforce Development	District Organization, Educational Institution, Indian Tribe, Local Government, Non-profit, State

124

**Open/Planned
Ongoing Appropriation
Opportunities**

12

**Agencies
Represented**

49

**Opportunities w/
no cost share**

Dozens of new opportunities coming with the new Bipartisan Infrastructure Law (BIL)

Thank You!

For all Infrastructure Bill-related question please reach out to your regional specialists:

rose.dady@hq.doe.gov

**Interagency Working Group on
Coal and Power Plant Communities and Economic Revitalization:
EnergyCommunities.gov**

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