
Bipartisan Infrastructure Law and Inflation Reduction Act Arizona Clean Energy Investments

February 2023 Snapshot Report

The following are federal energy and infrastructure related grants and opportunities in Arizona from present thru April 30, 2023 as part of the Bipartisan Infrastructure Law and the Inflation Reduction Act, to be shared with Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, business trade associations, nonprofits, businesses, and more. **These are federal infrastructure funding opportunities available to the private sector.**

Address Key Deployment Challenges for Offshore, Land-Based, and Distributed Wind

<p>Open Date: Dec-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - Applicants must submit a concept paper by 5 p.m. ET on Jan. 20, 2023 - Submission Deadline for Full Applications: March 10, 2023 - Expected Date for DOE Selection Notifications: July 2023 - Expected Timeframe for Award Negotiations: July - October 2023
<p>\$28,000</p>	<p>TBD</p>
<p>.....</p>	<p>.....</p>
<p>https://eere-exchange.energy.gov/Default.aspx#Foaldac8901f4-e765-482b-9931-f425cb8e1fbd</p>	
<p>TBD</p>	
<p>To enable the innovations needed to advance U.S. wind systems, reduce the cost of electricity, and accelerate the deployment of wind power, maximize the benefits of the clean energy transition as the nation works to curb the climate crisis, empower workers, and advance environmental justice</p>	
<ol style="list-style-type: none"> 1. High-Voltage Direct Current (HVDC) for Offshore Wind 2. Advancing Deployment of Distributed Wind (ADD) 3. Wind Energy Social Science Research 4. Bat Deterrent Technology Development 	
<p>Comments on RFI due to WindEnergyRFI@ee.doe.gov December 19, 2022: https://eere-exchange.energy.gov/Default.aspx#Foald7f14ee13-09fa-4ee3-b6bc-7a67325351dd</p>	

Advance Domestic Supply Chain for Critical Materials (Front-End Engineering Design Studies for Production of Critical Minerals and Materials from Coal-Based Resources)

<p>Open Date: TBD</p>	<p>Important Dates: - FOA is anticipated to be issued early in the first quarter of calendar year 2023 with applications due 60 days after issuance of FOA</p>
<p>\$32,000</p>	<p>TBD</p>
<p>TBD</p>	<p>Industry</p>
<p>https://www.energy.gov/fecm/notice-intent-issue-funding-opportunity-bipartisan-infrastructure-law-front-end-engineering</p>	
<p>TBD</p>	
<p>Supporting front-end engineering design (FEED) studies to produce rare earth elements (REEs) and other critical minerals and materials (CMMs) from domestic coal-based resources</p>	
<p>Detailed engineering & cost studies for specific facilities from real-world feedstocks, that will identify risks, costs, & plans for projects to develop technologies that produce REEs and other CMMs from domestic coal-based resources & associated by-products, such as coal ash, mine waste, & acid mine drainage</p>	
<p>TBD</p>	

Advanced Energy Manufacturing and Recycling Grants

<p>Open Date: May-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - DOE announced the launch of the program on May 18, 2022 • Responses to RFI due September 16, 2022 - Notice of Intent published December 14, 2022: https://oced-exchange.energy.gov/Default.aspx#Foaldc5922c3e-183a-49a6-b08a-688f1472feea - MESC plans to issue the FOA in the February 2023 timeframe
<p>\$750,000</p>	<p>TBD</p>
<p>Businesses</p>	<p>Manufacturing Firms: with annual revenues less than \$100M, less than 500 employees @ the plant site, and annual energy bills between \$100K and \$2.5M</p>
<p>https://www.energy.gov/bil/advanced-energy-manufacturing-and-recycling-grants</p>	
<ul style="list-style-type: none"> • If you have questions please contact us at 40209Program@hq.doe.gov. • If you have any questions, email Matthew.Ringer@nrel.gov • EERE Advanced Manufacturing Office - R&D PROJECTS: Isaac Chan , Program Manager, Isaac.Chan@ee.doe.gov 	
<p>Grants to small/medium sized manufacturers to build or retrofit manufacturing & industrial facilities to produce or recycle advanced energy products in communities where coal mines or coal power plants have closed</p>	
<p>To re-equip, expand, or establish a manufacturing or recycling facility for advanced energy technologies; or to re-equip an industrial of manufacturing facility with equipment designed to reduce greenhouse gas emissions.</p>	
<p>Program announcement: https://www.energy.gov/eere/articles/us-department-energy-offers-targeted-technical-assistance-manufacturers-former-coal</p>	

Battery Manufacturing and Recycling Grants

<p>Open Date: May-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - Funding Opportunity Announcement issued May 2, 2022 https://eere-exchange.energy.gov/Default.aspx#Foaldc53b6390-dfb8-480a-9265-3ffdec6c97b3 - Letter of intent due on May 27, 2022 <ul style="list-style-type: none"> ● Full application due on July 1, 2022 - Replies to reviewer comments expected September 1, 2022 <ul style="list-style-type: none"> ● EERE selection notifications expected October 2022 - Award negotiations expected between October 2022 & April 2023
<p>\$3,000,000</p>	<p>TBD</p>
<p>TBD</p>	<p>Institutions of higher education, national laboratories, businesses and nonprofits, state/local governments, consortia of entities as described in bill (paragraphs (1) through (4))</p>
<p>https://www.energy.gov/bil/battery-manufacturing-and-recycling-grants</p>	
<ul style="list-style-type: none"> ● Office of Manufacturing & Energy Supply Chains MESC@hq.doe.gov - Brian Cunningham – Vehicle Technologies Office – Batteries: brian.cunningham@ee.doe.gov - To apply to this FOA, applicants must register with and submit application materials through EERE Exchange at https://eere-Exchange.energy.gov, EERE’s online application portal. - A teaming partnering list can be accessed at https://eere-exchange.energy.gov/Default.aspx#Foald0596def9-c1cc-478d-aa4f-14b472864eba 	
<p>Grants to help ensure domestic battery manufacturing & recycling capability & a viable North American battery supply chain</p>	
<p>Demonstration projects, construction of commercial-scale facilities, and retrofit or retooling of existing facilities for battery component manufacturing, advanced battery manufacturing, and recycling</p>	
<ul style="list-style-type: none"> ● FAQ Doc: https://eere-exchange.energy.gov/FAQ.aspx?Foald=0596def9-c1cc-478d-aa4f-14b472864eba ● Program report from DOE due to Congress on 11/15/2022 	

Battery Materials Processing Grants

<p>Open Date: May-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - Funding Opportunity Announcement issued May 2, 2022 • Letter of intent due on May 27, 2022 • Full application due on July 1, 2022 • Replies to reviewer comments September 1, 2022 • EERE selection notifications expected October 2022 - Award negotiations expected between October 2022 & April 2023
<p>\$32,000</p>	<p>TBD</p>
<p>TBD</p>	<p>Institutions of higher education, national laboratories, businesses and nonprofits, state/local governments, consortia of entities as described in bill (paragraphs (1) through (4))</p>
<p>https://www.energy.gov/bil/battery-materials-processing-grants</p>	
<ul style="list-style-type: none"> • Office of Manufacturing & Energy Supply Chains MESC@hq.doe.gov - Brian Cunningham – Vehicle Technologies Office – Batteries: brian.cunningham@ee.doe.gov - To apply to this FOA, applicants must register with and submit application materials through EERE Exchange at https://eere-Exchange.energy.gov, EERE’s online application portal. - A teaming partnering list can be accessed at https://eere-exchange.energy.gov/Default.aspx#Foald0596def9-c1cc-478d-aa4f-14b472864eba 	
<p>Grants for battery materials processing to ensure a viable battery materials processing industry in the U.S & to expand domestic battery manufacturing and enhance processing capabilities.</p>	
<p>Demonstration projects, construction of commercial-scale facilities, and retrofit or retooling of existing battery material processing facilities</p>	
<p>FOA: https://eere-exchange.energy.gov/Default.aspx#Foaldc53b6390-dfb8-480a-9265-3ffdec6c97b3 - Program report from DOE due to Congress on 11/15/2022</p>	

Carbon Storage Validation & Testing

<p>Open Date: Sep-22</p>	<p>Important Dates: RFI responses due February 1, 2022</p> <ul style="list-style-type: none"> • Notice of Intent Issued 4/29/2022 • FOA issued 9/21/2022 <p>- Questions on FOA must be submitted by 11/22/2022 (3 biz days prior to application deadline) through FedConnect</p> <ul style="list-style-type: none"> • Applications due 11/30/2022 • Selection notifications expected approx. 3/13/2022 <p>- Expected Timeframe for Award Negotiations 7/31/2023</p>
<p>\$2,500,000</p>	<p>TBD</p>
<p>TBD</p>	<p>Industry</p>
<p>https://www.energy.gov/fecm/notice-intent-issue-funding-opportunity-bipartisan-infrastructure-law-front-end-engineering</p>	
<p>TBD</p>	
<p>Supporting front-end engineering design (FEED) studies to produce rare earth elements (REEs) and other critical minerals and materials (CMMs) from domestic coal-based resources</p>	
<p>Detailed engineering & cost studies for specific facilities from real-world feedstocks, that will identify risks, costs, & plans for projects to develop technologies that produce REEs and other CMMs from domestic coal-based resources & associated by-products, such as coal ash, mine waste, & acid mine drainage</p>	
<p>TBD</p>	

Clean School Bus Program

<p>Open Date: May-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - EPA to begin accepting applications on May 20 2022 through August 19, 2022 - EPA reviews applications and begins the selection process September 2022 - EPA notifies applicants of selection status Mid- October 2022 - Clean School Bus Listening Session October 5, 2022 https://usepa.zoomgov.com/webinar/register/WN_fg_iCJPWQ7emDhxUeKajw - Selectees submit Payment Request Forms with purchase orders to EPA October 2022 – April 2023 - Receipt of buses, installation of infrastructure & grant closeout by October 2024
<p>\$5,000,000</p>	<p>TBD</p>
<p>Local Education Agencies (LEA's) (i.e. school districts, charter schools)</p>	<p>Local or state governmental entities; eligible contractors; nonprofit school transportation associations; Indian tribes</p>
<p>https://www.epa.gov/cleanschoolbus</p>	
<p>- Comments on the program can be submitted to cleanschoolbus@epa.gov.</p>	
<p>50% of funds are for zero-emission school buses, and 50% for either alternative fuels or zero-emission school buses. Funds may be prioritized for rural or low-income communities and entities that have matching funds available. Covers up to 100% of the costs for the replacement of the bus</p>	
<p>50% of funds are for zero-emission school buses, and 50% for either alternative fuels or zero-emission school buses. Funds may be prioritized for rural or low-income communities and entities that have matching funds available. Covers up to 100% of the costs for the replacement of the bus</p>	
<ul style="list-style-type: none"> • Due to high demand, EPA is increasing available funding for 1st round funding to \$965 million - Clean School Bus Listening Session October 5, 2022 https://usepa.zoomgov.com/webinar/register/WN_fg_iCJPWQ7emDhxUeKajw • Clean School Bus Annual Report to Congress due from EPA on January 31 each year. 	

Electric drive vehicle battery recycling and second-life applications program

<p>Open Date: May-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - Funding Opportunity Announcement was issued on May 2nd, 2022 • Concept papers are due to DOE by May 31, 2022 • Full applications are due to DOE by July 19, 2022 - Expected submission deadline for replies to reviewer comments August 29, 2022 - An RFI was issued for the program, responses are due October 14, 2022: https://eere-exchange.energy.gov/Default.aspx#Foald1b505245-04d8-4b2a-bfab-46c5c8ad2de9 • EERE selection notifications expected October 2022 - Award negotiations expected October 2022 through April 2023
<p>\$200,000</p>	<p>TBD</p>
<p>Universities, Nonprofits, Businesses, State/Local Government</p>	<p>Institutions of higher education, national laboratories, businesses and nonprofits, state/local governments, consortia of entities as described in bill (paragraphs (1) through (4))</p>
<p>https://www.energy.gov/bil/electric-drive-vehicle-battery-recycling-and-2nd-life-apps</p>	
<p>-Responses to RFI must be submitted to bil-batterymanufacturing@hq.doe.gov and include "BIL-Battery Recycling RFI" in the subject line no later than 5:00pm (ET) on October 14, 2022. - Brian Cunningham – Vehicle Technologies Office – Batteries: brian.cunningham@ee.doe.gov</p>	
<p>To expand Department of Energy program focused on R&D and demonstration projects for electric vehicle battery recycling and second-life applications.</p>	
<p>R&D, testing, evaluation of solutions to increase the rate and productivity of electric drive vehicle battery recycling. R&D and demonstration projects to increase the recycling and second-use of electric drive vehicle batteries</p>	
<p>FOA: https://eere-exchange.energy.gov/Default.aspx#Foald171a57d1-dce1-418c-b26f-1ace7fab1667 - Program report from DOE to Congressional Committees due 11/15/2022</p>	

Energy Efficiency and Renewable Energy Improvements at Schools (Renew America's Schools grant program)

<p>Open Date: Nov-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • RFI due 5/18/2022 @ 5:00PM ET (See links) - Formulas for allocating program funds to Local Governments, States, & Tribes published on June 29, 2022 (See notes) • Concept papers due January 26, 2023 - Applications for Energy CLASS Prizes due February 28, 2023: https://www.herox.com/energy-class • Full application due April 21, 2023
<p>\$500,000</p>	<p>TBD</p>
<p>Local Education Agencies (LEA's) (i.e. school districts, charter schools)</p>	<p>Consortium of one Local Education Agencies and one or more Schools, nonprofits, businesses, and community partners</p>
<p>https://www.energy.gov/bil/grants-energy-efficiency-and-renewable-energy-improvements-public-school-facilities</p>	
<p>- Responses to RFI must be submitted electronically to SchoolsRFI@ee.doe.gov no later than 5:00pm (ET) on May 18th, 2022</p>	
<p>Competitive grants to make energy efficiency, renewable energy, & alternative fueled vehicle improvements at public schools</p>	
<p>Energy efficiency (envelope, HVAC, lighting, controls, etc.), ventilation, renewable energy, alternative vehicles, & alternative fuel vehicle infrastructure improvements</p>	
<p>Webinars scheduled for December 6 & 7: https://www.energy.gov/bil/grants-energy-efficiency-and-renewable-energy-improvements-public-school-facilities</p>	

Energy Efficiency Career Skills Training

Open Date: TBD	Important Dates: - Applications for funding estimated to open 1st quarter of 2023
\$10,000	TBD
Nonprofits	Nonprofit partnerships that include public or private employers and labor orgs, state and local veterans' agencies, small businesses, workforce investment boards, or ed institutions
https://www.energy.gov/bil/career-skills-training	
TBD	
Grants to pay the Federal share of career skills training programs under which students concurrently receive classroom instruction & on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient building technologies	
Grants to pay the Federal share of career skills training programs under which students concurrently receive classroom instruction & on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient building technologies	
Comments on RFI due January 26, 2023: https://eere-exchange.energy.gov/Default.aspx#Foald0d75dd4a-ae4c-4efc-84d4-ce4d6c9b95e2	

Energy Efficiency Materials Pilot Program (Nonprofit Energy Efficiency)

<p>Open Date: TBD</p>	<p>Important Dates: - Estimated application opening date, 1st quarter 2023</p>
<p>\$50,000</p>	<p>TBD</p>
<p>Nonprofits</p>	<p>Non-Profit Organizations</p>
<p>https://www.energy.gov/bil/energy-efficiency-materials-pilot-program</p>	
<p>Responses RFI must be submitted electronically to NonProfitRFI@doe.gov by December 22, 2022</p>	
<p>To provide grants to supply nonprofit buildings with energy-efficiency materials</p>	
<p>To provide non-profits with energy efficiency materials including a roof or lighting system or component of the system; a window; a door, including a security door; and a heating, ventilation, or air conditioning system or component of the system (including insulation and wiring and plumbing improvements needed to serve a more efficient system)</p>	
<p>- RFI comments due December 22, 2022: https://eere-exchange.energy.gov/Default.aspx#Foaldd43d06fe-529c-4525-8fc5-90ca28368aef</p>	

Grid Resilience Utility and Industry Grants

Open Date: Nov-22	Important Dates: - Submission Deadline for Concept Papers December 16, 2022 (40101(c)) - Submission Deadline for Full Applications for Grid Resilience Utility and Industry Grants portion of program April 6, 2023 (40101(c)) - Expected Date for DOE Selection Notifications Summer 2023 (40101(c)) - Expected Timeframe for Award Negotiations Fall 2023 (40101(c))
\$2,500,000	TBD
TBD	Electric Grid Operators, Electricity Storage Operators, Electricity Generators, Transmission Owners and Operators, Distribution Providers, Fuel Suppliers (40101(c))
https://www.energy.gov/gdo/grid-resilience-utility-and-industry-grants	
To prevent outages and enhance the resilience of the electric grid	
For activities supplemental to existing hardening efforts to reduce the risk of power lines causing a wildfire; or mitigate the risk disruptive events	
TBD	

Industrial Emission Demonstration Projects	
Open Date: TBD	Important Dates: - Applications estimated to open in March 2023

\$500,000	TBD
Application not open yet	Technology Developers, Industry, Manufacturers, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Environmental Groups, and Community Based Organizations
https://www.energy.gov/bil/industrial-emission-demonstration-projects	
- Office of Clean Energy Demonstrations - DL-OCED-Engagement@hq.doe.gov	
To fund demonstration projects that test and validate technologies that reduce industrial emissions	
Specific industrial production technologies & processes that achieve emissions reductions	
NOI Issued 12/22/2022: https://oced-exchange.energy.gov/Default.aspx?utm_medium=email&utm_source=govdelivery#Foald17338316-4d87-4ff7-87e6-619175602ce3	

Long-Duration Energy Storage Demonstration Initiative and Joint Program	
Open Date: Nov-22	Important Dates: <ul style="list-style-type: none"> • RFI comments are due by June 16, 2022 - 1-Page Letter of Intent due on (for lab calls) November 2, 2022 https://oced-exchange.energy.gov/Default.aspx#Foaldffa05d6b-7d3f-4b8d-99ff-8e60dcc39552 - FOA issued November 10, 2022: https://oced-exchange.energy.gov/Default.aspx#Foald2cde5bff-2781-4219-b65d-8f04a63f47cf • Letter of Intent due on December 15, 2022 - Submission deadline for full applications March 3, 2023 • Selection notifications Summer 2023 • Award negotiations Fall 2023

\$505,000	TBD
TBD	Technology Developers, Industry, State and Local Governments, Tribal Organizations, Community Based Organizations, National Laboratories, Universities, and Utilities
https://oced-exchange.energy.gov/Default.aspx#Foald2cde5bff-2781-4219-b65d-8f04a63f47cf	
- Office of Clean Energy Demonstrations - DL-OCED-Engagement@hq.doe.gov	
To establish a demonstration initiative composed of demonstration projects focused on the development of long-duration energy storage technologies.	
Projects that demonstrate long-duration energy storage technologies and help new long-duration energy storage technologies become commercially viable	
<ul style="list-style-type: none"> • \$39 million is for lithium-based energy storage systems • \$310 million is for non-lithium-based energy storage systems RFI announcement: https://www.energy.gov/articles/biden-administration-launches-bipartisan-infrastructure-laws-505-million-initiative-boost?utm_medium=email&utm_source=govdelivery	

Regional Clean Hydrogen Hubs	
Open Date: Sep-22	Important Dates: <ul style="list-style-type: none"> • Program rollout September 22, 2022 • Concept papers due November 7, 2022 - Notifications to encourage or discourage application based on concept papers December 2022 • Submission deadline for full applications April 7, 2023 - Expected Submission Deadline for Replies to Reviewer Comments May 31, 2023 • Pre-Selection Interviews Summer 2023 - Expected Date for DOE Selection Notifications Fall 2023 - Expected Timeframe for Award Negotiations Winter 2023 - 2024

\$8,000,000	TBD
TBD	Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Tribal, Environmental Groups, and Community Based Organizations
https://www.energy.gov/bil/regional-clean-hydrogen-hubs	
<ul style="list-style-type: none"> Office of Clean Energy Demonstrations - DL-OCED-Engagement@hq.doe.gov - Hydrogen & Fuel Cells Technologies - hftoinquiries@ee.doe.gov - Office of Fossil Energy & Carbon Management - FECMcommunications@hq.doe.gov - Office of Nuclear Energy - NECommunications@Nuclear.Energy.gov 	
To support the development of at least 4 regional clean hydrogen hubs to improve clean hydrogen production, processing, delivery, storage, and end use	
Projects that demonstrate the production, processing, delivery, storage, and end-use of, clean hydrogen through regional clean hydrogen hubs (networks of clean hydrogen producers, potential clean hydrogen consumers, and connective infrastructure located in close proximity)	
Request for Information Announced: https://eere-exchange.energy.gov/Default.aspx#Foald5d96172f-e9b6-48ff-94ac-5579c3531526 . Applications for funding will open in the Summer of 2022.	

Smart Grid Investment Matching Grant Program (Deployment of Technologies to Enhance Grid Flexibility)	
Open Date: Nov-22	Important Dates: - Submission Deadline for Concept Papers December 16, 2022 - Submission Deadline for Full Applications March 17, 2023 - Expected Date for DOE Selection Notifications Summer 2023 <ul style="list-style-type: none"> Expected Timeframe for Award Negotiations Fall 2023
\$3,000,000	TBD

Utilities, Institutions of higher education; For-profit entities; Non-profit entities; and State and local governmental entities, and tribal nations	Utilities, Institutions of higher education; For-profit entities; Non-profit entities; and State and local governmental entities, and tribal nations
https://www.energy.gov/gdo/smart-grid-grants	
<p>- Comments on RFI to coordinate this program with other grid grants programs in sections 40101 & 40107 due October 14, 2022 to DORFI@hq.doe.gov</p> <ul style="list-style-type: none"> Q&A related to FOA will be posted on the FedConnect portal at: https://www.FedConnect.net 	
Funding & expansion of eligible activities under the Smart Grid Investment Matching Grant Program	
Qualifying Smart Grid investments including for installation, that allow buildings to engage in demand flexibility or Smart Grid functions	
GRIP Topic Area 2: https://www.fedconnect.net/FedConnect/default.aspx?ReturnUri=%2ffedconnect%2f%3fdoc%3dDE-FOA-0002740%26agency%3dDOE&doc=DE-FOA-0002740&agency=DOE	

Solar & Wind Grid Services & Reliability Demonstration	
Open Date: Aug-22	Important Dates: <ul style="list-style-type: none"> Program rollout August 2, 2022 Concept Papers due September 15, 2022 - Submission deadline for full applications November 17, 2022 - Expected deadline for replies to reviewer comments December 15, 2022 - Expected date for EERE Selection (award) Notifications February 9, 2023 - Expected award negotiation timeframe February 7 through June 22, 2023
\$100,000	TBD

Institutions of higher education; For-profit entities; Non-profit entities; & State & local governmental entities, & Tribal Nations.	Institutions of higher education; For-profit entities; Non-profit entities; & State & local governmental entities, & Tribal Nations.
https://www.energy.gov/eere/solar/articles/funding-notice-solar-and-wind-grid-services-and-reliability-demonstration	
<ul style="list-style-type: none"> For questions about FOA email Sl.Grid-FOA.SETO@ee.doe.gov To apply to FOA, applicants must register with & submit application materials through EERE Exchange at https://eere-Exchange.energy.gov 	
For solar & wind research, development, demonstration, & commercialization activities.	
This includes establishing demonstration facilities and projects, conducting analyses & studies, & conducting education & outreach in support of solar & wind technologies.	
TBD	

Transmission Facilitation Program (Revolving Loans)	
Open Date: Nov-22	Important Dates: <ul style="list-style-type: none"> Notice of Intent issued on 1/19/2022 RFP Issued November 18, 2022: https://www.energy.gov/sites/default/files/2022-11/TFP%20-%20Request%20for%20Proposals%20%28Capacity%20 Contracts%29%20-%2011.21.22.pdf Application Submission Deadline for Part 1 February 1, 2023 Application Submission Deadline for Part 2, 45 days from invitation to apply, TBD Expected Date for DOE Selection Notification, Summer 2023
\$2,500,000	TBD

Businesses	Transmission Developers
<p>Program Site: https://www.energy.gov/bil/transmission-facilitation-program RFP: https://www.energy.gov/sites/default/files/2022-11/TFP%20-%20Request%20for%20Proposals%20%28Capacity%20Contracts%29%20-%202011.21.22.pdf</p>	
<p>- Ms. Michelle Manary, Acting Deputy Assistant Secretary, Electricity Delivery Division, Office of Electricity, Mailstop OE-20, Room 8H-033, 1000 Independence Avenue SW, Washington, DC 20585; Telephone: (202) 586-1411 or ElectricityDelivery@hq.doe.gov</p> <ul style="list-style-type: none"> • Loan Programs Office - lpo@hq.doe.gov • Any questions on RFP should be submitted to transmissionfacilitation@hq.doe.gov. 	
<p>To facilitate the construction of electric power transmission lines and related facilities to enable greater clean energy growth and provide low-cost clean energy to more Americans.</p>	
<p>Capacity contracts with the goal of reselling capacity once financial viability of project is been established; loans for the costs of carrying out an eligible project; participating with an eligible entity in designing, developing, constructing, operating, maintaining, or owning an eligible project</p>	
<p>TBD</p>	

<p>Environmental and Climate Justice Block Grants</p>	
<p>Open Date: Jan-23</p>	<p>Important Dates: Application packages must be submitted on or before April 10, 2023, at 11:59</p>

\$3,000,000	TBD
TBD	Community-based nonprofit organization(s) or partnership between community-based nonprofit organization & an Indian Tribe, local government, or higher education institution
https://www.epa.gov/environmentaljustice/environmental-justice-grants-funding-and-technical-assistance	
TBD	
To support air pollution reduction; climate and health risk mitigation; and climate resiliency and adaptation	
Community-led pollution monitoring, prevention, & remediation. Low & zero-emission resilient technologies & workforce development. Mitigating climate & health risks from urban heat islands, extreme heat, wood heater emissions, & wildfire events. Climate resiliency & adaptation. Reducing indoor air pollution & toxics. Facilitating engagement of disadvantaged communities in public processes. Technical assistance.	
<ul style="list-style-type: none"> • \$2.8B for grants • \$200M for technical assistance • Grants. Available through 9/30/2026. New program - 3-year grants for air pollution monitoring, extreme heat risk mitigation, resiliency & adaptation, indoor pollution reduction, & community engagement	

Greenhouse Gas Reduction Financial & Technical Assistance for Non-Profits	
Open Date: TBD	Important Dates: - IRA sets deadline of 180 days after enactment (February 12, 2023) for EPA to make grants under this program

\$11,970,000	TBD
TBD	Non profit organizations that leverage private capital and other forms of financial assistance to deploy low- and zero-emission products, technologies, and services
https://www.epa.gov/inflation-reduction-act/greenhouse-gas-reduction-fund	
TBD	
To provide financial and technical assistance to enable communities to deploy or benefit from zero-emission technologies and other GHG reduction activities	
To provide financial and technical assistance to communities to deploy or benefit from zero-emission technologies and other GHG reduction activities (targeted to non-profits)	
<ul style="list-style-type: none"> • Grants. Available through 9/30/2024. New program • Comments on RFI due December 5, 2022: https://www.regulations.gov/docket/EPA-HQ-OA-2022-0859 	

Greenhouse Gas Reduction Financial & Technical Assistance for Non-profits for Low-income & Disadvantaged Communities	
Open Date: TBD	Important Dates: - IRA sets deadline of 180 days after enactment (February 12, 2023) for EPA to make grants under this program

\$8,000,000	TBD
TBD	Non profit organizations that leverage private capital and other forms of financial assistance to deploy low- and zero-emission products, technologies, and services
https://www.epa.gov/inflation-reduction-act/greenhouse-gas-reduction-fund	
TBD	
Financial and technical assistance in low-income and disadvantaged communities	
To provide financial and technical assistance to eligible non-profits to enable low-income and disadvantaged communities to deploy or benefit from zero-emission technologies and other GHG reduction activities (targeted to non-profits, specifically in low-income & disadvantaged communities)	
Grants. Available through 9/30/2024. New program - Comments on RFI due December 5, 2022: https://www.regulations.gov/docket/EPA-HQ-OA-2022-0859	

Greenhouse Gas Reduction Fund (Zero-Emission Technology)	
Open Date: TBD	Important Dates: - IRA sets deadline of 180 days after enactment (February 12, 2023) for EPA to make grants under this program • Funding availability notice expected Q1 2023

\$7,000,000	TBD
TBD	States, municipalities, Tribal governments, & eligible non-profit recipients
https://www.epa.gov/inflation-reduction-act/greenhouse-gas-reduction-fund	
TBD	
To support deployment of zero-emission technologies, greenhouse gas reduction activities. Seed capital for regional, local, state, or Tribal green banks that provide financial support for low or zero emission projects	
To enable low-income and disadvantaged communities to deploy or benefit from zero-emission technologies, including distributed technologies on residential rooftops, and to carry out other greenhouse gas emission reduction activities (targeted to multiple recipients, specifically for low- income & disadvantaged communities)	
<ul style="list-style-type: none"> • Grants. Available through 9/30/2024. New program • Comments on RFI due December 5, 2022: https://www.regulations.gov/docket/EPA-HQ-OA-2022-0859 	

Industrial Emissions Reduction Investments (Advanced Industrial Facilities Deployment Program)	
Open Date: TBD	Important Dates: - Funding Opportunity Announcement expected for March 2023

\$5,812,000	TBD
TBD	Owner or operator of a nonpower, energy- intensive industrial or manufacturing facility
https://oced-exchange.energy.gov/Default.aspx?utm_medium=email&utm_source=govdelivery#Foald17338316-4d87-4ff7-87e6-619175602ce3	
TBD	
Projects aimed at reducing emissions from energy intensive industries. Prioritizes projects with greatest GHG reduction benefit & greatest benefit to largest number of people at facility location	
Engineering, retrofits, upgrades, improvements, purchase, installation or implementation of advanced industrial technology to reduce emissions. Includes iron, steel, concrete, glass, pulp, paper, ceramics, and chemical production	
Available through 9/30/2026. Notice of Intent issued 12/22/2022: https://oced-exchange.energy.gov/Default.aspx?utm_medium=email&utm_source=govdelivery#Foald17338316-4d87-4ff7-87e6-619175602ce3	

Rural Energy for America Program (REAP)	
Open Date: Dec-22	Important Dates: Energy Audit & Renewable Energy Development Assistance (EA/REDA) applications due 1/31/2023 - Renewable Energy Systems and Energy Efficiency Improvement grant applications (RES/EEI) due 3/31/2023 <ul style="list-style-type: none"> Guaranteed Loan applications open on ongoing basis

\$1,721,633	TBD
TBD	Rural small businesses, agricultural producers
https://www.grants.gov/web/grants/view-opportunity.html?oppld=344872	
TBD	
Develop energy efficiency and renewables for agricultural producers and rural small business	
For renewable energy systems, energy efficiency improvements, hydrogen & fuel cell technologies & underutilized renewable energy technologies	
Grants. Available through 9/30/2031: RFI comments due November 28, 2022: https://www.federalregister.gov/documents/2022/10/28/2022-23519/inflation-reduction-act-listening-session	

Zero-Emission Heavy-Duty Vehicle Investments (Clean Heavy-Duty Vehicles)	
Open Date: TBD	Important Dates: - IRA sets deadline of 180 days after enactment (February 2023) for EPA to implement this grant/ rebate program • Funding availability notice expected Q1 2023

\$1,000,000	TBD
TBD	State, municipality, Tribe, nonprofit school transportation association. Entities with capacity to arrange financing, sell, lease, license or contract for service or charging of zero-emission vehicles are eligible to participate as contractors.
https://www.epa.gov/air-and-radiation/inflation-reduction-act-non-regulatory-dockets-public-input	
You may submit feedback on program to cleanhdvehicles@epa.gov .	
Contribute to purchase of zero-emission clean heavy-duty vehicles. \$400m set-aside for non- attainment areas (with high levels of air pollution)	
Zero-emission vehicles. Purchase, installation, maintenance & operation of zero-emission vehicle infrastructure. Workforce development & training to support zero-emission operations. Planning & technical activities to support zero-emission adoption & deployment	
<p>Notes:</p> <ul style="list-style-type: none"> - Grants. Available through 9/30/2031. New program. Heavy duty vehicles include vehicles such as school buses & garbage trucks • \$400M for non-attainment areas • RFI comments due January 18, 2023: https://www.regulations.gov/docket/EPA-HQ-OAR-2022-0874/document - Listening Session on Dec 13th 1:00-3:00 PM ET: https://usepa.zoomgov.com/webinar/register/WN_MXAYiMBMTKu01X9hJtS0Cg 	

Buildings Energy Efficiency Frontiers & Innovation Technologies (BENEFIT)

<p>Open Date: Dec-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • FOA released December 14, 2022 • Concept paper due February 7, 2023 • Full application due April 5, 2023 <p>- Selection Notifications expected July 2023 https://www.energy.gov/eere/buildings/articles/bto-releases-benefit-202223-funding-opportunity-innovations-electrify</p>
<p>TBD</p>	<p>TBD</p>
<p>corporations, universities, nonprofits, national labs</p>	<p>corporations, universities, nonprofits, national labs</p>
<p>https://www.energy.gov/eere/buildings/articles/doe-intends-issue-funding-opportunity-innovations-electrify-optimize-and</p>	
<p>BENEFIT22@ee.doe.gov</p>	
<p>Development, validation, and demonstration of novel building technologies and retrofit practices that have significant potential for equitable carbon savings through building electrification, energy efficiency, and demand flexibility</p>	
<p>Areas of interest include: Heating, Ventilation, and Air Conditioning (HVAC) and Water Heating, Heating, Thermal Energy Storage, Battery Energy Storage Systems, Plug Loads/Lighting, Opaque Building Envelopes</p>	
<p>TBD</p>	

Clean Energy Smart Manufacturing Innovation Institute (CESMII) Smart Manufacturing Technologies Grants

<p>Open Date: Nov-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • Request for Proposals Issue Date Nov 3, 2022 • Proposal Submission deadline Dec 30, 2022 • Anticipated Project Selection Date Feb 2023 • Anticipated Project Start Date Apr-May, 2023
<p>\$1,000</p>	<p>TBD</p>
<p>Teams led by an industry participant that can showcase the demonstration are highly recommended</p>	<p>Teams led by an industry participant that can showcase the demonstration are highly recommended</p>
<p>https://www.energy.gov/eere/amo/cesmii-rfp-4-advanced-sensors-controls-platforms-and-modeling-manufacturing</p>	
<p>TBD</p>	
<p>To help manufacturers adopt smart manufacturing technologies & processes that will increase productivity, save energy, & boost competitiveness across energy-intensive industries (i.e. cement, chemicals, food, & steel).</p>	
<p>Focusing areas are “Extended Impact Projects”, which seeks projects that use, augment, or extend existing SM technologies, and “Energy Demonstration Projects”, which seeks projects that use existing CESMII SM technologies to demonstrate energy benefits.</p>	
<p>- Informational Webinars Nov 14, 2022</p>	

Decarbonization of Water Resource Recovery Facilities (D-WRRF)

<p>Open Date: Dec-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> - Funding opportunity announcement issued December 16, 2022 - Submission Deadline for Concept Papers: 1/27/23, 5:00pm ET - Submission Deadline for Full Applications: 4/3/23, 5:00pm ET - Expected Deadline for Replies to Reviewer Comments: 5/12/23 - Expected Date for EERE Selection Notifications: 6/16/23 - Expected Timeframe for Award Negotiations: Summer- Fall 2023
<p>\$23,000</p>	<p>TBD</p>
<p>The following entities are eligible subrecipients: National Laboratories & Federally Funded Research & Development Centers (FFRDCs); Institutions of higher education; & Federal agencies & instrumentalities (other than DOE).</p>	<p>Topic 1: Water Resource Recovery Facilities (WRRFs), engineering firms, public water systems, waste producers or haulers, project development teams, Topic 2: municipal utilities, tribal councils, regional sanitary authorities, or other governmental entities with direct responsibility for organic waste treatment and management, For-profit entities, non-profit entities & State, local, & tribal governments</p>
<p>https://www.energy.gov/eere/amo/water-resource-recovery-facilities-funding-opportunity</p>	
<p>TBD</p>	
<p>To stimulate R&D & demonstration projects to decarbonize the life cycle of Water Resource Recovery Facilities (WRRFs), formerly known as Wastewater Treatment Plants</p>	
<p>Areas of interest include: Decarbonization of WRRF Unit Processes , Reducing overall greenhouse gas (GHG) emissions from WRRFs,</p>	
<p>TBD</p>	

Energy Earthshot Research Centers

<p>Open Date: Jan-23</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • Announcement Issue Date: January 18, 2023 - Submission Deadline for Pre-Proposal: March 7, 2023 at 5:00 PM Eastern Time (A Pre-Proposal is required) - Pre-Proposal Response Date: April 11, 2023 at 11:59 PM Eastern Time - Submission Deadline for Proposals: May 31, 2023 at 5:00 PM Eastern Time
<p>\$200,000</p>	<p>TBD</p>
<p>National Laboratories & eligible individuals in conjunction with their institutions</p>	<p>National laboratories & eligible individuals (in conjunction with their institution) with the skills, knowledge, and resources necessary to carry out the proposed research</p>
<p>https://science.osti.gov/Funding-Opportunities</p>	
<p>PAMS Customer Support 855-818-1846 (toll-free) 301-903-9610</p>	
<p>To support fundamental research to accelerate breakthroughs in support of the Energy Earthshots Initiative. To bring together multi-investigator, multi-disciplinary teams to address key basic research challenges for the six Energy Earthshots</p>	
<p>Six Energy Earthshots have been announced so far: Hydrogen Shot™, Long Duration Storage Shot™, Carbon Negative Shot™, Enhanced Geothermal Shot™, Floating Offshore Wind Shot™, and Industrial Heat Shot™</p>	
<p>TBD</p>	

FY22 Advanced Materials & Manufacturing Technologies—Building Technologies Office Multi-topic Funding Opportunity

<p>Open Date: Jan-23</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • FOA Issue Date: 01/04/2023 - Submission Deadline for Concept Papers: 2/3/2023 5:00pm ET - Submission Deadline for Full Applications: 4/7/2023 5:00pm ET - Expected Deadline for Replies to Reviewer Comments: 5/11/2023 - Expected Date for EERE Selection Notifications: 8/7/2023 - Expected Timeframe for Award Negotiations: Aug-Sep 2023
<p>\$52,000</p>	<p>TBD</p>
<p>TBD</p>	<p>Industry, small business, universities, national laboratories, state and local governments</p>
<p>https://www.energy.gov/eere/amo/amto-fy22-multi-topic-foa</p>	
<p>TBD</p>	
<p>To enhance manufacturing competitiveness through technological innovation in these areas: 1) Next Generation Materials & Manufacturing, 2) Secure & Sustainable Materials, & 3) Energy Technology Manufacturing & Workforce Development</p>	
<p>Subtopics include: Increased Conductivity Metals, Harsh Environment Materials, AI/Machine Learning for Aerostructures, Materials Circularity Regional Pilot Demonstrations, Electric Vehicle Battery Manufacturing: cathode active materials (CAMs), Building Dehumidification Scaleup,</p>	
<p>TBD</p>	

Hydrogen Shot Support

<p>Open Date: Jan-23</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • FOA Issue Date: 1/27/2023 • Submission Deadline for Concept Papers: 2/24/2023 • Submission Deadline for Full Applications: 4/28/2023 - Expected Submission Deadline for Replies to Reviewer Comments: 6/23/2023 - Expected Date for EERE Selection Notifications: September 2023 - Expected Timeframe for Award Negotiations: November 2023
<p>\$47,000</p>	<p>TBD</p>
<p>TBD</p>	<p>Individuals, For-profit entities, educational institutions, and nonprofits, state, local & Tribal governments</p>
<p>https://eere-exchange.energy.gov/Default.aspx#Foald71a19d5a-2509-476f-aeca-3c55f5a5fa20</p>	
<p>H2FCFOA@ee.doe.gov</p>	
<p>To reduce costs, enhance hydrogen infrastructure, and improve the performance of hydrogen fuel cells</p>	
<p>Focuses on RD&D of key hydrogen delivery & storage technologies as well as affordable & durable fuel cell technologies. Fuel cell RD&D projects will focus particularly on applications for heavy-duty trucks, to reduce carbon dioxide emissions & eliminate tailpipe emissions</p>	
<p>TBD</p>	

Increasing Utilization and Reliability of Electric Infrastructure with Grid-enhancing technologies (GETs)

<p>Open Date: TBD</p>	<p>Important Dates: - Funding Opportunity Announcement expected February 2023</p>
<p>\$7,500</p>	<p>TBD</p>
<p>TBD</p>	<p>Project teams including, at a minimum: an electric utility or a system operating entity; a system planner; a domestic GETs technology product provider, and a domestic GETs technology developer. A university or research institution may apply for funding as a prime recipient or as a sub-</p>
<p>https://www.energy.gov/oe/articles/notice-intent-issue-funding-opportunity-announcement-grid-enhancing-technologies</p>	
<p>TBD</p>	
<p>To fill gaps in information on the real-world benefits and usage of Grid-enhancing technologies (GETs) through at-scale field demonstrations</p>	
<p>Demonstrations conducted on transmission systems or projects that include both transmission & distribution GETs, & explore coordinated planning & operation. Dynamic Line Rating (DLR), Power Flow Controllers (PFC), Dynamic Transformer Rating (DTR), equipment asset monitoring for active management, energy storage, & dispatchable demand side resources (such as demand response) &</p>	
<p>TBD</p>	

Industrial Efficiency and Decarbonization

<p>Open Date: Sep-22</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • Program rollout September 7, 2022 • Concept papers due October 12, 2022 • Full application deadline January 4, 2023 - Expected Submission Deadline for Replies to Reviewer Comments February 10, 2023 • Award selection notifications April 2023 - Expected award negotiation timeframe April 2023 - July 2023
<p>\$104,000</p>	<p>TBD</p>
<p>Open to for-profit entities, educational institutions, nonprofits, States, local governments, tribal governments & others as specified in the FOA. ADOA, a state energy office or ACA could potentially support grant program.</p>	<p>Open to for-profit entities, educational institutions, nonprofits, States, local governments, tribal governments & others as specified in the FOA</p>
<p>https://www.energy.gov/articles/biden-harris-administration-releases-bold-agenda-reduce-emissions-across-americas</p>	
<p>TBD</p>	
<p>Applied R&D, prototype or pilot-scale technology validation & demonstration projects to expedite adoption of transformational industrial technology to increase energy efficiency across industry & in high GHG-emitting industrial subsectors, reducing both energy usage & GHG emissions</p>	
<p>Includes cross-sector industrial decarbonization approaches via opportunities in energy efficiency; industrial electrification; low carbon fuels, feedstocks & energy sources; & industrial carbon capture & utilization</p>	
<p>TBD</p>	

Industrial Technology Validation Pilot

<p>Open Date: Jan-23</p>	<p>Important Dates:</p> <ul style="list-style-type: none"> • Program rollout for phase II 1/23/2023 - Request for proposals for phase II due February 18, 2023: https://betterbuildingssolutioncenter.energy.gov/resources/2022-itv-phase-ii-rfp-updated-deadline
<p>TBD</p>	<p>TBD</p>
<p>Industrial sector</p>	<p>Industrial sector, industry partners</p>
<p>https://betterbuildingssolutioncenter.energy.gov/better-plants/industrial-technology-validation-pilot</p>	
<p>Please address any questions to: ITV-Support@lbl.gov</p>	
<p>Assesses the performance of emerging decarbonization technologies in industrial environments with a team of DOE National Lab experts</p>	
<p>To validate innovative energy-, GHG-, water-, & waste-reducing technologies & share the results broadly to help the industrial sector understand the viability of solutions, while mitigating many of the risks associated with being the first to install an emerging technology</p>	
<p>TBD</p>	

Lithium Extraction & Conversion	
Open Date: Nov-22	Important Dates: - NOI issued 10/3/2022: https://eere-exchange.energy.gov/Default.aspx#Foaldc658abe1-56a8-477d-ab65-1917f2cb16ae <ul style="list-style-type: none"> • FOA expected to be issued 11/9/2022 • Concept Papers due 12/9/2022 • Full applications due 1/31/2023 • EERE selection notifications expected March 2023 • Award negotiations expected September 2023
\$12,000	TBD
See eligible entities	<ol style="list-style-type: none"> 1. Institutions of higher education; 2. For-profit entities; 3. Non-profit entities; 4. DOE National Laboratories; 5. Non-DOE National Laboratories; 6. State, local and tribal governments; and
https://www.energy.gov/eere/amo/articles/fy22-amto-gto-joint-foa-lithium-extraction-and-conversion-geothermal-brines	
Parties interested in being included on a teaming partner list should email AMO-GTO- LithiumFOA@ee.doe.gov	
To support research on the extraction and conversion of lithium from geothermal brines for use of lithium batteries in electric vehicles and clean energy storage	
Field Validation of Lithium Hydroxide Production from Geothermal Brines Area of Interest, Applied Research & Development for Direct Lithium Extraction from Geothermal Brines	
TBD	

Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants

Open Date:

Nov-21

Important Dates:

- Program rollout November 22, 2021
- USDA Announced awards on August 24, 2022
- Applications for set aside due on October 31, 2022
- Application for subsequent round due March 31, 2023

TBD

TBD

East Valley Flank Vineyards, AZCA Drilling & Pump, Arizona Autowash #10, Crossroads Self Storage, CC Deer Trail, GLF9 Route 66 Ranch LLC, Echo Canyon Vineyard LLC, Intention Property Management, Page Springs Cellars Inc

State, local governments, tribes, institutions of higher education, rural electric cooperatives, public power entities, a resource Conservation & Development Council. Funding is used for assistance to rural small businesses & agricultural producers

<https://www.rd.usda.gov/programs-services/energy-programs/rural-energy-america-program-renewable-energy-systems-energy-efficiency-improvement-guaranteed-loans>

TBD

Assists rural small businesses and agricultural producers by conducting and promoting energy audits and providing Renewable Energy Development Assistance

Energy audits.
Renewable energy technical assistance. Renewable energy site assessments.

Federal Register Announcement:
<https://www.govinfo.gov/content/pkg/FR-2021-11-22/pdf/2021-25326.pdf>

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

Open Date:

Nov-22

Important Dates:

For FY 2023 Cycle - 1st Release

- FOA Issued: Monday, August 8, 2022
- Application Due Date: Tuesday, October 11, 2022
- Award Notification Date: Tuesday, January 10, 2023 For FY 2023 Cycle - 2nd Release
- Topics document released November 7, 2022
- FOA Issue Date (\$13M total): December 12, 2022
- Letter of Intent Due Date: January 3, 2023
- Application Due Date: February 23, 2023
- Award Notification Date: May 15, 2023

\$137,000

TBD

Small, independent U.S. businesses with not more than 500 employees

Small, independent U.S. businesses with not more than 500 employees

<https://science.osti.gov/sbir>

- Contacts vary depending on Topic Area. Contacts can be found in this document for topic areas: <https://science.osti.gov/-/media/sbir/pdf/TechnicalTopics/FY23-Phase-I-Release-1-Combined-TopicsV207152022.pdf>

- For questions about budgets and eligibility: Carl Hebron, (301) 903-5707, SBIR-STTR@science.doe.gov

To transform DOE-supported science and technology breakthroughs into viable products & services. The awards also support the development of specialized technologies & instruments that aid in scientific discovery

Covers multiple mission areas, including: Advanced Materials and Manufacturing Technologies; Fuel Cell and Electrolyzer Recycling; Decarbonization of Agriculture, Buildings, Transport, Industry and their Communities; Industrial Efficiency and Decarbonization

2023 Phase 2 FOA: https://science.osti.gov/-/media/grants/pdf/foas/2023/SC_FOA_0002903.pdf

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

Open Date:

Dec-22

Important Dates:

- Program rollout for FY23 base annual appropriation December 14, 2022
- Concept papers due January 25, 2023
- Full Applications due March 17, 2023
- Selection notifications expected 3rd qtr of FY23 <https://www.energy.gov/technologytransitions/articles/department-energy-releases-2023-technology-commercialization-fund-0>

\$30,000

TBD

National Laboratories

National Laboratories

Grant Information & How to Apply: <https://www.energy.gov/technologytransitions/articles/department-energy-releases-2023-technology-commercialization-fund-0>

Please reach out with questions by emailing DOE OTT's TCF team at TCF@hq.doe.gov
<https://www.energy.gov/technologytransitions/office-technology-transitions>

To promote promising energy technologies for commercial purposes

Technology-Specific Commercialization Cooperative Research & Development Agreements & Programs, Core Laboratory Infrastructure for Commercialization

2 webinars scheduled for January 4, 2023: <https://www.energy.gov/technologytransitions/articles/department-energy-releases-2023-technology-commercialization-fund-0>

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

<p>Open Date: TBD</p>	<p>Important Dates: - Funding Opportunity Announcement expected by the end of January 2023</p>
<p>\$9,100</p>	<p>TBD</p>
<p>TBD</p>	<p>Indigenous communities. Other groups of individuals, households & businesses in geographic proximity to one another that meet the following criteria: - 30% of the community population is classified as low income - Median spending of household income on energy bills \geq6%</p>
<p>Grant Information & How to Apply: https://www.fedconnect.net/FedConnect/default.aspx?ReturnUrl=%2ffedconnect%3fagency%3dDOE%26doc%3dDE-FOA-0002933%26utm_medium%3demail%26utm_source%3dgovaldelivery&agency=DOE&doc=DE-FOA-0002933&utm_medium=email&utm_source=govaldelivery</p>	
<p>TBD</p>	
<p>Coordinated R&D of microgrid-related technologies, with a focus on underserved and Indigenous communities</p>	
<p>Research on development & deployment of advanced microgrid-enabling technologies, including renewable generation & storage systems, multi-nodal small-scale high-voltage direct current, advanced demand-side management strategies, & microgrid control systems</p>	
<p>TBD</p>	

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)	
Open Date: TBD	Important Dates: - Award notifications & start of award negotiations for FY22 Grants February 2023 - EERE plans to issue the FOA for FY23 Grants on or about February 2023
\$96,000	TBD
Open to Individuals, Institutions of higher education, For-profit entities, Non-profit entities & State, local, & Tribal Nations. At State level ADOA, a state energy office or ACA could potentially be assigned, but are not required to administer grant.	Open to Individuals, Institutions of higher education, For-profit entities, Non-profit entities & State, local, & Tribal Nations
https://eere-exchange.energy.gov/Default.aspx#Foaid8ac4a3fd-663d-4409-9f94-3e104ec4c0d3	
<ul style="list-style-type: none"> • jessica.adams@netl.doe.gov - Question related to FOA should be submitted to DE-FOA-0002611@netl.doe.gov no later than 3 business days before the application due date	
To providing better, cleaner affordable mobility options. Specifically, this funding seeks innovative solutions for on-road & off-road vehicles to develop & accelerate the charging infrastructure & drastically reduced GHG emissions	
Cost-effective deployment of EV charging for those without easy home charging; to improve mobility options for underserved communities; community engagement to accelerate clean transportation options in underserved communities; batteries & electrification; materials technologies; energy- efficient commercial off-road vehicle technologies; medium/heavy duty vehicle corridor charging & advanced engine & fuel technologies to improve fuel economy & reduce GHG emissions	

RFI for FY23 Grants: <https://eere-exchange.energy.gov/Default.aspx#Foald8ac4a3fd-663d-4409-9f94-3e104ec4c0d3>

Climate and Societal Interactions

Open Date:

Jan-23

Important Dates:

- Grant notice issued January 3, 2023
- Letter of Intent due February 1, 2023
- Full application due March 29, 2023

\$4,800

TBD

TBD

Institutions of higher education, other nonprofits, commercial organizations, international organizations, and state, local and Indian tribal governments. Lead Principal Investigator for grant must be part of a Climate Adaptation Partnership/RISA team.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=345214>

TBD

Research and community engagement projects that improve climate adaptation planning and action

Developing partnerships between scientists, decision-makers, & communities that lead to shared understandings of climate adaptation needs & co-generation of credible & actionable climate knowledge to support community defined plans. Focused on mitigation of flooding and wildfire risks

TBD