

**Bipartisan Infrastructure Law and Inflation Reduction
Act Arizona Clean Energy Investments**
May 2023 Snapshot Report

The following are federal energy and infrastructure related grants and opportunities in Arizona from present thru July 31, 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 and nonprofit sectors.**

Advanced Energy Manufacturing and Recycling Grants

Open Date:

Feb-23

Important Dates:

_FOA Issue Date: 2/13/2023

_Submission Deadline for Concept Papers: 3/14/2023 5:00pm ET

_Submission Deadline for Full Applications: 6/8/2023 5:00pm ET

_Expected Timeframe for DOE Selection Notifications: November 2023

**Federal \$ Available
(\$Thousands):**

\$750,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s): Businesses	Eligible Entities: Manufacturing Firms: with annual revenues less than \$100M, less than 500 employees @ the plant site, and annual energy bills between \$100K and \$2.5M
Grant Information & How to Apply: https://www.energy.gov/bil/advanced-energy-manufacturing-and-recycling-grants	
Key Federal Contact(s): _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	
Description: 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	
Example Project(s): To re-equip, expand, or establish a manufacturing or recycling facility for advanced energy technologies; or to re-equip an industrial or manufacturing facility with equipment designed to reduce greenhouse gas emissions.	
Notes: TBD	

Applied Research and Development Projects to Drive Industrial Decarbonization	
Open Date: Mar-23	Important Dates: _ FOA Issue Date: 03/15/2023 _ Submission Deadline for Concept Papers: 04/17/2023 _ Submission Deadline for Full Applications: 06/23/2023 _ Expected Submission Deadline for Replies to Reviewer Comments: 07/25/2023 _ Expected Date for EERE Selection Notifications: September 2023

Federal \$ Available (\$Thousands): \$156,000	AZ \$ Available (\$Thousands): TBD
Recipient(s): Institutions of higher education; For-profit entities; and Non-profit entities. State, local, and tribal government entities are eligible to participate as a subrecipient	Eligible Entities: Institutions of higher education; For-profit entities; and Non-profit entities. State, local, and tribal government entities are eligible to participate as a subrecipient
Grant Information & How to Apply: https://www.energy.gov/eere/amo/iedo-fy23-multi-topic-funding-opportunity-announcement	
Key Federal Contact(s): Questions regarding the FOA must be submitted to: IEDOMultiTopicFOA@ee.doe.gov	
Description: To advance high impact applied research, development, and demonstration (RD&D) projects to reduce greenhouse gas (GHG) emissions across the U.S. industrial sector	
Example Project(s): Topics: Decarbonizing Industrial Heat, Low-Carbon Fuels Utilization RD&D, Exploratory Cross-Sector R&D (includes subtopics: Enabling Flexible Industrial Energy Use & Enhanced Thermal Conductivity Materials), Decarbonizing Chemicals, Decarbonizing Iron/ Steel, Decarbonizing Food/ Beverage Products, Decarbonizing Cement/ Concrete, Decarbonizing Forest Products	
Notes: TBD	

Building America Retrofit Field Validation and Demonstration	
Open Date: Mar-23	Important Dates: Original Published Date: Mar 20, 2023 RFP Offers Due: May 09, 2023
Federal \$ Available (\$Thousands): 8 agreements for \$1M to \$4M over 5 yrs	AZ \$ Available (\$Thousands): TBD
Recipient(s): Teams of 4 entities/organizations, including private sector organizations	Eligible Entities: Teams of 4 entities/organizations, including private sector organizations

Grant Information & How to Apply:

<https://sam.gov/opp/087aec6c020547c7898d3d78ba13f67a/view>

Key Federal Contact(s):

Kim.Tangler@nrel.gov

Description:

To develop the solutions & best practices needed to advance energy efficiency in homes

Example Project(s):

Teams will work to conduct collaborative R&D in real-world homes to accelerate local deployment of highly energy efficient, durable, healthy home upgrades & demonstrate equitable & scalable residential retrofit solutions to guide broader implementation in communities across the country.

Notes:

TBD

Building Pathways to Infrastructure Jobs Grant Program

Open Date:

Apr-23

Important Dates:

- _ Round 1 applications open 4/5/2023
- _ Application for Round 1 due 7/7/2023
- _ Round 2 applications open 3/15/2024
- _ Application for Round 2 due 6/14/24

Federal \$ Available (\$Thousands):

\$200,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Partnerships of private and public sector entities

Eligible Entities:

Eligible lead applicants: Nonprofit Organizations, Labor Unions, Labor-Management Organizations, & Worker Organizations, Education/Training Provider(s), Workforce Development Entities, Economic Development Agencies, Tribes, State, County, & Local Governments

Grant Information & How to Apply:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343871>

Key Federal Contact(s):

Ariam Ferro, Grants Management Specialist, Office of Grants Management: IN_FOA-ETA-23-31@dol.gov

Description:

To fund public-private partnerships to develop, strengthen, & scale promising & evidence-based training models in H-1B industries and occupations critical to meeting the goals of the Bipartisan Infrastructure Law (BIL)

Example Project(s):

To train job seekers in advanced manufacturing; information technology; & professional, scientific, & technical services occupations that support renewable energy, transportation, & broadband infrastructure sectors

Notes:

Pre-recorded Prospective Applicant Webinar & Frequently Asked Questions (FAQ) document will be available at: <https://www.dol.gov/agencies/eta/grants/apply/find-opportunities>

Buildings Energy Efficiency Frontiers & Innovation Technologies (BENEFIT)

Open Date:

Dec-22

Important Dates:

_ FOA released December 14, 2022
 _ Concept paper due February 7, 2023
 _ Full application due April 5, 2023
 _ Selection Notifications expected July 2023
<https://www.energy.gov/eere/buildings/articles/bto-releases-benefit-202223-funding-opportunity-innovations-electrify>

Federal \$ Available (\$Thousands):

TBD

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

corporations, universities, nonprofits, national labs

Eligible Entities:

corporations, universities, nonprofits, national labs

Grant Information & How to Apply:

<https://www.energy.gov/eere/buildings/articles/doe-intends-issue-funding-opportunity-innovations-electrify-optimize-and>

Key Federal Contact(s):

BENEFIT22@ee.doe.gov

Description:

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

Example Project(s):

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

Notes:

TBD

Clean Energy Demonstration Program on Current and Former Mine Land

Open Date:

Apr-23

Important Dates:

_FOA Announcement: April 3, 2023
_Concept Papers Due: May 11, 2023
_Applications due: August 31, 2023

Federal \$ Available (\$Thousands):

\$500,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Institutions of higher education, nonprofits, for-profit entities, Tribes, states, local governments, consortiums

Eligible Entities:

Institutions of higher education, nonprofits, for-profit entities, Tribes, states, local governments, consortiums

Grant Information & How to Apply:

<https://www.energy.gov/bil/clean-energy-demonstration-program-current-and-former-mine-land>

Key Federal Contact(s):

_Clean Energy Demonstrations on Former Mine Land mineland@hq.doe.gov _Office of Clean Energy Demonstrations DL-OCED-Engagement@hq.doe.gov

_Responses to RFI must be submitted electronically to mineland@hq.doe.gov no later than 5:00pm (ET) on 08/15/2022

Description:

To establish a program to demonstrate the technical & economic viability of carrying out clean energy projects on current & former mine land

Example Project(s):

Solar, micro-grids, geothermal, direct air capture, fossil-fueled electricity generation with carbon capture, utilization, & sequestration, energy storage, including pumped storage hydropower & compressed air storage, advanced nuclear technologies

Notes:

Webinar slides & recording available here: <https://oced-exchange.energy.gov/Default.aspx#Foald2461a5fb-be76-4b89-90c1-8673e138f290>

Cost-effective implementation of updated building energy codes (Building Codes Implementation for Efficiency and Resilience)

Open Date:

Dec-22

Important Dates:

- _ Program rollout 12/19/22
- _ Concept Papers due 1/31/23
- _ Full Applications due 3/27/23
- _ DOE Selection Notifications expected June 26, 2023

Federal \$ Available (\$Thousands):

\$225,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Institutions of higher education; For-profit entities; Non-profit entities; & State and local governmental entities, & tribal nations.

Eligible Entities:

State building code agencies, state energy offices, or Tribal energy offices (can be in partnership with local building code agencies; codes & standards developers; associations of builders & design & construction professionals; local & utility energy efficiency programs; consumer, energy efficiency & environmental advocates; & other entities as determined by the Secretary

Grant Information & How to Apply:

<https://www.energy.gov/articles/biden-harris-administration-announces-45-million-bipartisan-infrastructure-law-support>

Key Federal Contact(s):

RECI FOA@ee.doe.gov.

Description:

A competitive grant program to enable sustained, cost-effective implementation of updated building energy codes to save customers money on their energy bills.

Example Project(s):

Partnerships to provide training and materials to builders, contractors, subcontractors, architects, & other design & construction professionals, building code officials on updated building energy codes and practices

Notes:

<https://www.energy.gov/clean-energy-infrastructure/building-codes-implementation-efficiency-and-resilience>

Defense Production Act

Open Date:

Apr-23

Important Dates:

_ FOA for heat pumps: 4/18/2023
_ Concept Papers for heat pumps due: 5/19/2023
_ Full Applications for heat pumps due: 8/01/2023

Federal \$ Available (\$Thousands):

\$500,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

TBD

Eligible Entities:

Open/ unrestricted to Individuals, Institutions of higher education; For-profit entities; Non-profit entities; State and local governmental entities, and tribal nations

Grant Information & How to Apply:

<https://infrastructure-exchange.energy.gov/Default.aspx#Foald76f24bfe-e18d-42b3-83d0-377e97210cc1>

Key Federal Contact(s):

RFI Comments: dpaheatpump@energy.gov

Description:

Enhanced use of Defense Production Act of 1950

Example Project(s):

Various Presidential authorities related to the domestic industrial base to ensure the national defense. Presidential determination of technologies covered include transformers & critical electric grid components, solar photovoltaics; insulation materials; electrolyzers, platinum group metals, & fuel cells for clean hydrogen; & electric heat pumps

Notes:

_ \$250M from IRA for heat pumps: <https://www.energy.gov/articles/biden-harris-administration-announces-250-million-investment-inflation-reduction-act>

Diesel Emission Reduction Act, DERA (Air Pollution Reduction Investments, Diesel/ movement of goods emissions reductions))

Open Date:

TBD

Important Dates:

_ EPA anticipates NOFO for 2023 program will open early 2023:
<https://www.epa.gov/dera/national>

Federal \$ Available (\$Thousands):

\$60,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

TBD

Eligible Entities:

Regional, state, local, or tribal transportation or air quality agency; qualifying nonprofit organization or institution; or qualifying private individual/ entity (defined by Energy Policy Act of 2005, 42 U.S.C. § 16132)

Grant Information & How to Apply:

<https://www.epa.gov/dera>

Key Federal Contact(s):

TBD

Description:

To identify & reduce diesel emissions resulting from goods movement facilities & vehicles servicing goods movement facilities, in low-income & disadvantaged communities to address the health impacts of such emissions on such communities.

Example Project(s):

Eligible equipment includes: School buses, Class 5–8 heavy-duty highway vehicles, Locomotive engines, Marine engines, Nonroad engines, equipment or vehicles used in construction, handling of cargo (including at ports or airports), agriculture, mining or energy production (including stationary generators and pumps). Eligible projects include: EPA verified technologies or certified engine configurations, California Air Resources Board (CARB) verified technologies or certified engines, Idle- reduction technologies that are EPA verified, Aerodynamic technologies and low rolling resistance tires that are EPA verified Early engine, vehicle, or equipment replacements with certified engine configurations

Notes:

Grants. Available through 9/30/2031. <https://www.epa.gov/inflation-reduction-act/delivering-cleaner-air>

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

Open Date:

Nov-22

Important Dates:

- _ RFI due 5/18/2022 @ 5:00PM ET (See links)
- _ Program opening _ November, 2022
- _ 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
- _ Selection notifications expected June 16, 2023

Federal \$ Available (\$Thousands):

\$500,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Local Education Agencies (LEA's)
(i.e. school districts, charter schools)

Eligible Entities:

Consortium of one Local Education Agencies and one or more Schools, nonprofits, businesses, and community partners

Grant Information & How to Apply:

<https://www.energy.gov/bil/grants-energy-efficiency-and-renewable-energy-improvements-public-school-facilities>

Key Federal Contact(s):

SchoolsFOA@doe.gov

Description:

Competitive grants to make energy efficiency, renewable energy, & alternative fueled vehicle improvements at public schools

Example Project(s):

Energy efficiency (envelope, HVAC, lighting, controls, etc.), ventilation, renewable energy, alternative vehicles, & alternative fuel vehicle infrastructure improvements

Notes:

TBD

Energy Improvement in Rural or Remote Areas

Open Date:

Mar-23

Important Dates:

_ Program rollout March 1, 2023
 _ Submission Deadline for (mandatory) Concept Papers: 04/14/2023, 5 p.m. ET
 _ Energizing Rural Communities applications are due by May 24, 2023:
<https://www.herox.com/rural-energy>
 _ Submission Deadline for Applications: 06/28/2023, 5 p.m. ET

Federal \$ Available (\$Thousands):

\$1,000,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Local Governments

Eligible Entities:

Industry Partners, Utilities, National Laboratories, Universities, State and Local Governments, Community Based Organizations, Tribal, and Environmental Groups

Grant Information & How to Apply:

<https://www.energy.gov/bil/energy-improvement-rural-or-remote-areas>

Key Federal Contact(s):

_ Office of Clean Energy Demonstrations DL-OCED-Engagement@hq.doe.gov
 _ Submit responses to RFI to ERA@hq.doe.gov by 12/5/22: <https://oced-exchange.energy.gov/Default.aspx#Foald4fa22789-a7f5-462d-97a6-d6b4433c4627>

Description:

To provide financial assistance to increase environmental protection from the impacts of energy use & improve resilience, reliability, safety, & availability of energy in rural or remote areas of the United States.

Example Project(s):

Cost-effectiveness of energy generation, transmission, or distribution systems; siting or upgrading transmission and distribution lines; reducing greenhouse gas emissions from energy generation by rural or remote areas; (D) providing or modernizing electric generation facilities; developing microgrids; & increasing energy efficiency

Notes:

_ Watch program conference video here: https://www.youtube.com/watch?v=whJS_B6gVbA
_ Informational Webinar: 03/29/2023, 1 p.m. ET: <https://www.energy.gov/oced/era-funding-opportunity-announcement-informational-webinar>

Energy Storage Demonstration and Validation

Open Date:

Jul-23

Important Dates:

_DOE plans to make the FOA available by the end of July 2023

Federal \$ Available (\$Thousands):

\$12,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

TBD

Eligible Entities:

Technology Providers: Private energy storage company, institution of higher education, orgs that develop or deploy energy storage, orgs involved in Engineering, Procurement, & Construction (EPC) of a storage system. Host Site/ Offtakers: State energy offices, Tribes & Tribal orgs, utilities, other orgs that could benefit from the services provided by an energy storage system

Grant Information & How to Apply:

https://www.fedconnect.net/FedConnect/default.aspx?ReturnUrl=%2fFedConnect%2f%3fagency%3dDOE%26do%3dDE-FOA-0003035%26utm_medium%3demail%26utm_source%3dgovdelivery&agency=DOE&doc=DE-FOA-0003035&utm_medium=email&utm_source=govdelivery

<p>Key Federal Contact(s): TBD</p>
<p>Description: To facilitate the large-scale commercial development and deployment of grid-scale lithium and redox- flow batteries</p>
<p>Example Project(s): Areas of Interest: Long Cycle Life, Lithium Grid-Scale Battery Energy Storage Systems; Redox Flow Grid- Scale Battery Energy Storage Systems</p>
<p>Notes: TBD</p>

<p>Environmental Justice Thriving Communities Grantmaking (EJ TCGM) Program</p>	
<p>Open Date: Feb-23</p>	<p>Important Dates: _ \$550M for 2023 EJTCGM rolled out on February 23, 2023 _ EJ Thriving Communities Grantmaking Program applications are due May 31, 2023: https://www.grants.gov/web/grants/view-opportunity.html?oppld=346337 _ National announcement of EJ TCGM awards October 2023</p>
<p>Federal \$ Available (\$Thousands): \$3,000,000</p>	<p>AZ \$ Available (\$Thousands): TBD</p>
<p>Recipient(s): EJ TCGM subrecipients: CBOs, Tribes, Intertribal consortia, Native American Organizations</p>	<p>Eligible Entities: EJ TCGM: nonprofit CBO(s) or partnerships of CBOs with other CBOs, Tribes or institutions of higher education</p>
<p>Grant Information & How to Apply: https://www.epa.gov/environmentaljustice/environmental-justice-thriving-communities-grantmaking-program</p>	

Key Federal Contact(s):

Capilla.Morgan@epa.gov, Burney.Jacob@epa.gov, Burrell.Omari@epa.gov
 _Pro-bono technical assistance: <https://www.environmentalprotectionnetwork.org/epn-tech-assis-work/>
<https://www.environmentalprotectionnetwork.org/community-outreach-associates/>

Description:

To support air pollution reduction; climate and health risk mitigation; and climate resiliency and adaptation. Awards from this grant will go to 11 selected organizations who will make subawards to nonprofit organizations to begin projects by November 1, 2023.

Example Project(s):

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 community engagement in public processes. Technical assistance.

Notes:

TBD

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

Open Date:

Jan-23

Important Dates:

- _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

Federal \$ Available (\$Thousands):

\$52,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s): TBD	Eligible Entities: Industry, small business, universities, national laboratories, state and local governments
Grant Information & How to Apply: https://www.energy.gov/eere/amo/amto-fy22-multi-topic-foa	
Key Federal Contact(s): TBD	
Description: 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	
Example Project(s): 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,	
Notes: TBD	

High-Efficiency Electric Home Rebate Program	
Open Date: TBD	Important Dates: _States may request early administrative funding on an ongoing basis: https://www.energy.gov/sites/default/files/2023-03/Home_Energy_Rebates_ALRD.pdf _Funding anticipated to be available by Mid 2023 according to 12/8/22 informational webinar
Federal \$ Available (\$Thousands): \$4,275,000	AZ \$ Available (\$Thousands): TBD
Recipient(s): Individuals and owners of multifamily building; Eligible recipients must fall below 150% of the area median income	Eligible Entities: Individuals and owners of multifamily buildings; administered by State Energy Offices

Grant Information & How to Apply:

<https://www.energy.gov/articles/biden-harris-administration-announces-state-and-tribe-allocations-home-energy-rebate>

Key Federal Contact(s):

IRAHomeRebates@hq.doe.gov

Description:

To provide rebates for high-efficiency electrification projects (state administered)

Example Project(s):

To develop & implement State high-efficiency electric home rebate program. \$14,000 per household including \$8,000 for heat pumps, \$1,750 for heat pump water heaters, & \$840 for electric stoves. Includes rebates for improvements to electrical panels or wiring and home insulation or sealant.

Notes:

- _Caps: \$1,750 for heat pump water heater, \$8,000 for heat pump for space heating or cooling, \$840 for electric stove, cooktop, range, oven or electric heat pump clothes dryer, \$4,000 for electric load service center upgrade,
- \$1,600 for insulation, air sealing & ventilation, \$2,500 for electric wiring
- _Capped at 50% of cost for residents with annual income 80% or above, but not greater than 150% of area median income
- _Capped at total of \$14,000 in rebates per entity

HOMES Rebate Program (Home Energy Performance-Based Whole House Rebates)

Open Date:

TBD

Important Dates:

- _States may request early administrative funding on an ongoing basis:
https://www.energy.gov/sites/default/files/2023-03/Home_Energy_Rebates_ALRD.pdf
- _Full Funding anticipated to be available by Spring of 2023

Federal \$ Available (\$Thousands):

\$4,300,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Individuals and owners of multifamily buildings

Eligible Entities:

Individuals and owners of multifamily buildings; Administered by State Energy Offices

Grant Information & How to Apply:

<https://www.energy.gov/articles/biden-harris-administration-announces-state-and-tribe-allocations-home-energy-rebate>

Key Federal Contact(s):

_ DOE prefers RFI responses that are submitted via this online form:

<https://forms.office.com/g/iuwKCbKpJK>

_ Responses may also be submitted by email to IRAHomeRebates@hq.doe.gov

Description:

To provide rebates for whole-house energy saving retrofits (state administered)

Example Project(s):

To provide rebates to homeowners & aggregators for whole-house energy saving retrofits begun on or after August 16, 2022. Additional funding available to individuals who earn less than 80% of area median income.

Notes:

Covers: lesser of \$2k or 50% for projects with energy savings 20% or above, less than 35%

_ lesser of \$4k or 50% on projects with savings 35%+

_ a set rate per Kwh saved or 50% of project cost for savings above 15% but less than 20%

_ Available through 9/30/2031. New program

_ RFI Comments due by March 3, 2023: <https://eere-exchange.energy.gov/Default.aspx#Foald01172e95-5645-4356-8f3b-96fd144f9213>

Industrial Decarbonization and Emissions Reduction Demonstration-to-Deployment (Advanced Industrial Facilities Deployment Program)

Open Date:

Mar-23

Important Dates:

_ Funding Opportunity Announcement Issue Date:
03/08/2023

_ Submission Deadline for Concept Papers: 04/21/2023
/ 5:00pm ET

_ Informational Webinar: 05/2023 / Date and Time TBD

_ Submission Deadline for Applications: 08/04/2023 /
5:00pm ET

Federal \$ Available (\$Thousands):

\$6,800,000

AZ \$ Available (\$Thousands):

TBD

<p>Recipient(s): Technology Developers, Industry, Manufacturers, Universities, National Laboratories, Engineering & Construction firms, State & Local Governments, Environmental Groups, & Community Based Organizations</p>	<p>Eligible Entities: Technology Developers, Industry, Manufacturers, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Environmental Groups, and Community Based Organizations. Owner or operator of a nonpower, energy-intensive industrial or manufacturing facility</p>
<p>Grant Information & How to Apply: https://oced-exchange.energy.gov/Default.aspx#Foald3d36f88c-0527-4539-b90b-41895ad5edb2</p>	
<p>Key Federal Contact(s): _OCED_Industrial@hq.doe.gov DL-OCED-Engagement@hq.doe.gov</p>	
<p>Description: 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. To fund demonstration projects that test and validate technologies that reduce industrial emissions</p>	
<p>Example Project(s): Specific industrial production technologies & processes that achieve emissions reductions. 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</p>	
<p>Notes: Available through 9/30/2026</p>	

<p>Rural Energy for America Program (REAP)</p>	
<p>Open Date: Nov-21</p>	<p>Important Dates: _Program rollout November 22, 2021 _Energy Audit & Renewable Energy Development Assistance (EA/REDA) apps due 1/31/2024 _Renewable Energy Systems & Energy Efficiency Improvement (RES/EEI) apps due at the end of each quarter (3/31, 6/30, 9/30, 12/31)</p>

Federal \$ Available (\$Thousands): \$2,025,450	AZ \$ Available (\$Thousands): TBD
Recipient(s): Rural small businesses, agricultural producers	Eligible Entities: For RES/EEl grants: agricultural producers or rural small businesses. For Guaranteed loans: Be a public body, including Indian tribes, or non-profit organization. For EA or REDA: State, tribal, & local governments; institutions of higher education; rural electric cooperatives or public power entities; councils
Grant Information & How to Apply: https://www.rd.usda.gov/inflation-reduction-act/rural-energy-america-program-reap	
Key Federal Contact(s): _Jessie Huff, USDA: (602) 280-8767, jessie.huff@usda.gov http://www.rd.usda.gov/az _Jonathan Burns, USDA, (774) 678-7238, CPgrants@usda.gov	
Description: To provide guaranteed loan financing & grant funding to agricultural producers & rural small businesses to develop energy efficiency & renewables.	
Example Project(s): Renewable energy systems, energy efficiency improvements, hydrogen & fuel cell technologies, underutilized renewable energy technologies, energy audits, renewable energy technical assistance, renewable energy site assessments & installation. Focus on helping rural communities recover economically through more/ better market opportunities & improved infrastructure, reducing climate pollution & increasing resilience to impacts of climate change, conserving & protecting farmland, & investing in underserved communities	
Notes: Grants. Available through 9/30/2031: https://www.rd.usda.gov/inflation-reduction-act#fn	

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

<p>Open Date: TBD</p>	<p>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</p>
<p>Federal \$ Available (\$Thousands): \$137,000</p>	<p>AZ \$ Available (\$Thousands): TBD</p>
<p>Recipient(s): Small, independent U.S. businesses with not more than 500 employees</p>	<p>Eligible Entities: Small, independent U.S. businesses with not more than 500 employees</p>
<p>Grant Information & How to Apply: 2023 Phase 2 FOA: https://science.osti.gov/-/media/grants/pdf/foas/2023/SC_FOA_0002903.pdf</p>	
<p>Key Federal Contact(s): _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</p>	
<p>Description: 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</p>	
<p>Example Project(s): 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</p>	
<p>Notes: https://science.osti.gov/sbir</p>	

Solar & Wind Grid Services & Reliability Demonstration

Open Date:

TBD

Important Dates:

_ 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 Mid-April 2023
 (See Q&A Log @ <https://eere-exchange.energy.gov/Default.aspx#Foald06eb81bc-a88e-4560-89fa-d465a29fff62>)

Federal \$ Available (\$Thousands):

\$100,000

AZ \$ Available (\$Thousands):

TBD

Recipient(s):

Institutions of higher education; For-profit entities; Non-profit entities; & State & local governmental entities, & Tribal Nations.

Eligible Entities:

Institutions of higher education; For-profit entities; Non-profit entities; & State & local governmental entities, & Tribal Nations.

Grant Information & How to Apply:

<https://www.energy.gov/eere/solar/articles/funding-notice-solar-and-wind-grid-services-and-reliability-demonstration>

Key Federal Contact(s):

_ For questions about FOA email SI.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>

Description:

For solar & wind research, development, demonstration, & commercialization activities.

Example Project(s):

This includes establishing demonstration facilities and projects, conducting analyses & studies, & conducting education & outreach in support of solar & wind technologies.

Notes:

<https://www.energy.gov/eere/solar/solar-energy-technologies-office>