



## **Funds Appropriated in the Inflation Reduction Act (IRA) and the Bipartisan Infrastructure Law (BIL)**

This document is intended to help identify federal funds that are available if you are making investments in your hydroelectric facilities and/or your dams.

**NOTE:** On January 20, 2025, President Donald Trump signed the “Unleashing American Energy” Executive Order, which directs federal agencies to **immediately pause the disbursement of funds** appropriated under the Inflation Reduction Act and Infrastructure Investment and Jobs Act.

It is not yet known how this will impact the implementation of the below programs. Stay connected with NHA through offerings such as our Powerhouse newsletter for the latest updates.

Click on a category to get to a chart of specific funding opportunities for that activity:

1. [Dam Safety Upgrades](#)
2. [River Restoration and Environmental Improvements](#)
3. [Powerhouse, Grid Resilience, and Energy Efficiency Improvements](#)
4. [Long-Duration Energy Storage](#)
5. [Small Projects \(Under 30 MW\)](#)

# 1. Dam Safety Upgrades

(Several applications are now closed. This sheet will be updated as new rounds of funding emerge)

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">USACE - CWIFP</a> The Corps Water Infrastructure Financing Program	Non-federal projects focused on maintaining, upgrading, and repairing dams identified in the National Inventory of Dams	Closed	Application open September 20, 2023  Application period closed <del>December 19, 2023</del>	Loan - long term, low cost	\$7.5 billion	Nathan (Nate) Campbell (Senior Portfolio Manager, Corps Water Infrastructure Financing Program) –  <a href="mailto:Nathan.J.Campbell@usace.army.mil">Nathan.J.Campbell@usace.army.mil</a>
<a href="#">DOE OCED – Section 40103 (c)</a> <a href="#">DE-FOA-0002986</a>  Energy Improvement in Rural and Remote Areas  <a href="#">Rules</a>	States, tribes, and utilities seeking funding for energy improvements in rural or remote areas	OPEN	<a href="#">Awardees</a> for fixed grant program announced April 2024  New Funding announced Oct. 3, 2024  Concept papers are due by <b>February 27, 2025</b> , and full applications are due by <b>August 28, 2025</b> .	Grant and Prize	\$400 million	Katy Sartorius (Communications Director) <a href="mailto:katy.sartorius@hq.doe.gov">katy.sartorius@hq.doe.gov</a>
<a href="#">USDA – Section 22004</a>  Empowering Rural America “New Era” Program	Rural Electric Cooperatives that reduce GHG emissions by purchasing, building, or deploying renewable energy or by making efficiency improvements to eligible generation and transmission systems	Closed	Letters of Interest were due <del>September 15, 2023</del>	Grant and/or Loan	\$9.7 billion	Christopher McLean (Assistant Administrator)  <a href="mailto:christopher.mclean@usda.gov">christopher.mclean@usda.gov</a>
<a href="#">DOE Grant 247</a>  Maintaining and Enhancing Hydroelectricity Incentives	Grid Resiliency, Dam Safety, and Environmental Improvements	Closed	Awardees announced <a href="#">here</a>	Grant	\$553 million	Luciana Ciocci (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a>

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">Rehabilitation Of High Hazard Potential Dam (HHPD) Grant Program   FEMA.gov</a>	The purpose of this program is improving dam safety through rehabilitation or removal which can also provide benefits for fish passage and aquatic habitat connectivity.	Closed	Applications closed <del>Feb. 29<sup>th</sup></del> , 2024	Grant	\$185 Million	HHPD Helpline <a href="mailto:FEMA-NDSP-HHPDGrants@fema.dhs.gov">FEMA-NDSP-HHPDGrants@fema.dhs.gov</a>

**Funding Details:**

[USACE – CWIFP](#)

- Fact Sheet one-pager  
<https://usace.contentdm.oclc.org/utills/getfile/collection/p16021coll11/id/6009>
- The [Final Rule](#) has been published and is effective as of June 21, 2023
- The Corps Water Infrastructure Financing Program (CWIFP) enables local investment in infrastructure projects that address community water resource needs, promote economic prosperity, and improve environmental quality.
- Current appropriations enable the CWIFP to provide up to \$7.5 billion in loans for maintaining, upgrading, and repairing dams for any non-federal borrowers.
- The program is open to projects or bundles of projects that have a combined total cost of \$20M or more.

[DOE OCED - Section 40103 \(c\)](#)

- \$1 billion to carry out activities for energy improvements in rural and remote areas.
  - The ERA program received \$1 billion from the Bipartisan Infrastructure Law and provides financial investment, technical assistance, and other resources to advance clean energy demonstrations and energy solutions that are replicable and scalable. ERA aims to fund community-driven energy projects with three specific goals:
    - Deliver measurable benefits to energy customers in rural or remote areas by funding replicable energy projects that lower energy costs, improve energy access and resilience, and/or reduce environmental harm.
    - Demonstrate new rural or remote energy system models using climate-resilient technologies, business structures that promote economic resilience, new financing mechanisms, and/or new community engagement best practices.
    - Build clean energy knowledge, capacity, and self-reliance throughout rural America.

### USDA – Section 22004 Empowering Rural America (ERA)

- Up to \$9.7 billion in new funding is available for electric cooperatives to reduce greenhouse gas emissions by purchasing or deploying renewable energy, zero-emission systems, and carbon capture technology. Funding also can be used to make generation and transmission energy efficiency improvements. New ERA funding is designed to support long-term resiliency, reliability, and affordability. Applicants can request loans, grants, loan modifications, and other financial assistance.
- Fact Sheet: [Rural Energy for America Program Renewable Energy & Energy Efficiency Factsheet \(usda.gov\)](#)

### DOE Grant 247

- Section 247: Maintaining and Enhancing Hydroelectricity Incentives was created to maintain and enhance hydroelectric facilities to ensure generators continue to provide clean, affordable electricity, while integrating renewable energy resources such as wind and solar, improving dam safety, and reducing environmental impacts.
- Grid Resiliency- adapting to changing grid conditions, ancillary services, integrating other variable sources of generation, managing reservoir sediments.
- Dam Safety- maintenance or upgrade of spillways, erosion repair and seepage controls, upgrades or replacements of floodgates, infrastructure restoration, flood risk, and more.
- Environmental Improvements- adding or improving safe fish passage, improving water quality retainment, promoting downstream sediment transport processes, improving recreational access, and more.

## 2. River Restoration and Environmental Improvements

(Several applications are now closed. This sheet will be updated as new rounds of funding emerge)

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">Bureau of Reclamation – WaterSMART</a> Aquatic Ecosystem Restoration Program	Funding for the study, design and construction of aquatic ecosystem restoration projects that are collaboratively developed, have widespread regional benefits, and are for the purpose of improving the health of fisheries, wildlife, and aquatic habitat through restoration and improved fish passage	OPEN	First round applications for FY25/26 <b>April 15, 2025</b>  Application period open till <b>Feb. 17 2026</b>	Cost Share Grants	\$ Millions (FY24 \$91M)	Avra Morgan <a href="mailto:aomorgan@usbr.gov">aomorgan@usbr.gov</a>  Irene Hoiby <a href="mailto:ihoiby@usbr.gov">ihoiby@usbr.gov</a>
<a href="#">Bureau of Reclamation – WaterSMART</a> Planning and Project Design Grants	Collaborative planning and design projects to support water management improvements including water strategy grants (WSG), project design grants (PDG) and drought contingency planning (DCP)	CLOSED	FY25 opportunity expected to be posted <b>Summer 2025</b>  HAS NOT BEEN POSTED	Grants	\$35 Million	Program Contacts: WSG Irene Hoiby <a href="mailto:ihoiby@usbr.gov">ihoiby@usbr.gov</a>  PDG Nickie McCann <a href="mailto:nmccann@usbr.gov">nmccann@usbr.gov</a>  DCP Sheri Looper <a href="mailto:slooper@usbr.gov">slooper@usbr.gov</a>
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Energy Infrastructure Reinvestment (EIR or 1706)</a>	Projects that retool, repower, repurpose, or replace energy infrastructure	ROLLING	Applications open, available through <b>September 30, 2026</b>  (IRA loan authority expiration, <b>no set deadline</b> )	Loans	\$250 billion	Ariane Benrey (Consultant) <a href="mailto:ariane.benrey@hq.doe.gov">ariane.benrey@hq.doe.gov</a>  Leslie Rich (Senior Consultant) - <a href="mailto:leslie.rich@hq.doe.gov">leslie.rich@hq.doe.gov</a>
<a href="#">Fish and Wildlife, Forest Service, USACE, NOAA, and Bureau of Reclamation</a>	Landowners and public lands managers seeking funding to improve fish passage, aquatic connectivity, and/or aquatic and ecosystem restoration	VARIES	Available now - <b>specific to each program</b>	Map Tool	\$ Millions	FWS: Shannon Boyle- <a href="mailto:shannon_boyle@fws.gov">shannon_boyle@fws.gov</a>
<a href="#">National Fish Passage Program, USFWS</a>	Any entity who coordinates with USFWS staff on project development and implementation	ROLLING	FY24 Funding <b>Awarded April 2024</b>  <b>FY25-26 last round of funding</b>	Grant	\$200 Million	FWS: Shannon Boyle- <a href="mailto:shannon_boyle@fws.gov">shannon_boyle@fws.gov</a>

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">Rehabilitation Of High Hazard Potential Dam (HHPD) Grant Program   FEMA.gov</a>	The purpose of this program is improving dam safety through rehabilitation or removal which can also provide benefits for fish passage and aquatic habitat connectivity.	Closed	Applications closed <del>Feb. 29<sup>th</sup></del> , 2024	Grant	\$185 Million	HHPD Helpline <a href="mailto:FEMA-NDSP-HHPDGrants@fema.dhs.gov">FEMA-NDSP-HHPDGrants@fema.dhs.gov</a>
<a href="#">NOAA   DOI   DOT   FEMA</a>	Habitat Restoration Funding Opportunities for Hydropower and Waterpower	VARIABLES	Available now - <b>specific to each program</b>	List Tool	\$ Billions	NOAA: Melanie Gange- <a href="mailto:melanie.gange@noaa.gov">melanie.gange@noaa.gov</a>
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Innovative Energy</a>	Financing for projects that deploy New or Significantly Improved Technology that is technically proven but not yet widely commercialized in the United States.	ROLLING	Applications open, available through <b>September 30, 2026</b>  (IRA loan authority expiration, <b>no set deadline</b> )	Loans	\$40 Billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>
<a href="#">DOE Grant 247</a> Maintaining and Enhancing Hydroelectricity Incentives	Grid Resiliency, Dam Safety, and Environmental Improvements	Closed	Awardees announced <a href="#">here</a>	Grant	\$553 million	Luciana Ciocci (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a>

### Funding Details:

#### [Bureau of Reclamation - WaterSMART](#)

- Reclamation is providing funding opportunities to address water supply by investing in modernizing existing infrastructure to avoid water conflicts.
- Eligible entities: This funding opportunities is for States, tribes, irrigation districts, water districts, organizations with water or power delivery authority, conservation organizations, universities, non-profit and research institutions.
- Projects range from conserving water and addressing water supply reliability to on-the-ground modeling tools to increase water management.

#### [DOE – LPO](#)

- Funding Listing: <https://www.energy.gov/lpo/energy-infrastructure-reinvestment>
- IRA appropriated \$5 billion through September 30, 2026, to carry out EIR, with a total cap on loans of up to \$250 billion.

### [Fish and Wildlife, Forest Service, USACE, NOAA, and Bureau of Reclamation](#)

- The portal is a “one-stop shop” for anyone who needs information, funding, or resources to improve fish passage and aquatic connectivity projects. We provide landowners and public lands managers the tools to find funding across the federal government, as well as access to data, planning, and geospatial information.
- The Bipartisan Infrastructure Law (BIL) provided multiple agencies with up to \$293.7 million for aquatic and ecosystem restoration that supports fish passage. The BIL will fund projects over five years (FY2022 - FY2026) and result in a transformational impact to aquatic species, their habitats, and the surrounding communities.

### [NOAA, DOI, DOT, FEMA, and more](#)

- Habitat restoration efforts for nonprofits, state and federal agencies, Tribes, and local community collected by the Wild Salmon Center from the BIL and IRA
- [Each section of this document](#) outlines the appropriation location, responsible agency, eligible entities, match requirements, total proposed allocation, summary of the fund, and an important date to watch for.

### [DOE Grant 247](#)

- Section 247: Maintaining and Enhancing Hydroelectricity Incentives was created to maintain and enhance hydroelectric facilities to ensure generators continue to provide clean, affordable electricity, while integrating renewable energy resources such as wind and solar, improving dam safety, and reducing environmental impacts.
- Grid Resiliency- adapting to changing grid conditions, ancillary services, integrating other variable sources of generation, managing reservoir sediments.
- Dam Safety- maintenance or upgrade of spillways, erosion repair and seepage controls, upgrades or replacements of floodgates, infrastructure restoration, flood risk, and more.
- Environmental Improvements- adding or improving safe fish passage, improving water quality retainment, promoting downstream sediment transport processes, improving recreational access, and more.

### [DOE – LPO Title 17 Clean Energy Financing](#)

- Financing for projects that deploy innovative clean energy technologies at commercial scale *or* employ innovative manufacturing processes or manufacture innovative technologies at commercial scale.
- Can request a no-cost pre-application consultation [here](#).

### 3. Powerhouse, Grid Resilience, and Energy Efficiency Improvements

(Several applications are now closed. This sheet will be updated as new rounds of funding emerge)

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Energy Infrastructure Reinvestment (EIR or 1706)</a> Energy Infrastructure Reinvestment	Projects that retool, repower, repurpose, or replace energy infrastructure	ROLLING	Applications open, available through <b>September 30, 2026</b>  (IRA loan authority expiration, <b>no set deadline</b> )	Loans	\$250 billion	Ariane Benrey (Consultant) <a href="mailto:ariane.benrey@hq.doe.gov">ariane.benrey@hq.doe.gov</a>  Leslie Rich (Senior Consultant) - <a href="mailto:leslie.rich@hq.doe.gov">leslie.rich@hq.doe.gov</a>
<a href="#">Bureau of Reclamation – WaterSMART</a> Water and Energy Efficiency Grants	On-the-ground water management improvement projects, including projects that conserve water and address water supply reliability	CLOSED	First round applications due <b>February 22, 2024</b>  Second round applications due <b>November 13, 2024</b>	Grant	\$50 million	Josh German <a href="mailto:jgerman@usbr.gov">jgerman@usbr.gov</a>
<a href="#">DOE OCED – Section 40103 (c)</a> DE-FOA-0002986 Energy Improvement in Rural and Remote Areas  <a href="#">Rules</a>	States, tribes, and utilities seeking funding for energy improvements in rural or remote areas	OPEN	<a href="#">Awardees</a> for fixed grant program announced April 2024  New Funding announced Oct. 3, 2024  Concept papers are due by <b>February 27, 2025</b> , and full applications are due by <b>August 28, 2025</b> .	Grant and Prize	\$400 million	Katy Sartorius (Communications Director) <a href="mailto:katy.sartorius@hq.doe.gov">katy.sartorius@hq.doe.gov</a>
<a href="#">DOE GDO - Section 40103 (b)</a> DE-FOA-0003195 Grid Innovation Program	States, tribes, local governments, and utilities upgrade our electric grid and ensure reliability and resiliency.	CLOSED	Third round of funding expected to launch in FY25	Grant	\$ 5 billion	Katy Sartorius (Communications Director) <a href="mailto:katy.sartorius@hq.doe.gov">katy.sartorius@hq.doe.gov</a>
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Innovative Energy</a>	Financing for projects that deploy New or Significantly Improved Technology that is technically proven but not yet widely commercialized in the United States.	ROLLING	Applications open, available through <b>September 30, 2026</b>  (IRA loan authority	Loans	\$40 Billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>



Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
			expiration, no set deadline)			
<a href="#">USDA – Section 22004 “New Era”</a> Empowering Rural America New Era Program	Rural Electric Cooperatives that reduce GHG emissions by purchasing, building, or deploying renewable energy or by making efficiency improvements to eligible generation and transmission systems.	CLOSED	Letters of Interest were due <del>September 15,</del> <b>September 29, 2023</b>	Grant and/or Loan	\$9.7 billion	Tasha Deardorff (Area Manager) - <a href="mailto:tasha.deardorff@usda.gov">tasha.deardorff@usda.gov</a>  Clare Sierawski (Senior Energy Counselor) - <a href="mailto:clare.sierawski@usda.gov">clare.sierawski@usda.gov</a>
<a href="#">USDA Section 22001 “PACE”</a> Powering Affordable Clean Energy Program	Clean energy developers or electric service providers that finance hydropower or storage projects. This funding opportunity can also be used for biomass, geothermal, and other renewable energy sources.	CLOSED	Letters of Interest were due <del>September 29,</del> <b>September 29, 2023</b>	Partially forgivable loans	\$1 billion	Tasha Deardorff (Area Manager) - <a href="mailto:tasha.deardorff@usda.gov">tasha.deardorff@usda.gov</a>  Clare Sierawski (Senior Energy Counselor) - <a href="mailto:clare.sierawski@usda.gov">clare.sierawski@usda.gov</a>
<a href="#">DOE Grant - 242</a> Hydroelectric Production Incentive Program	Incentive payments to qualified hydroelectric facilities for electricity generated and sold and investments for adding generation to existing non-powered dams or conduits	CLOSED	Awardees announced <a href="#">here</a>	Grant	\$84 million	Luciana Ciocci (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a>
<a href="#">DOE Grant 243</a> Hydroelectric Efficiency Improvement Incentives Program	Owners and operators of existing hydro facilities and pumped storage that improve hydropower efficiency by at least 3%	CLOSED	Awardees announced <a href="#">here</a>	Grant	\$75 million	Luciana Ciocci (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a>
<a href="#">DOE Grant 247</a> Maintaining and Enhancing Hydroelectricity Incentives	Grid Resiliency, Dam Safety, and Environmental Improvements	CLOSED	Awardees announced <a href="#">here</a>	Grant	\$553 million	Luciana Ciocci (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a>

## **Funding Details:**

### DOE – LPO

- Funding Listing: <https://www.energy.gov/lpo/energy-infrastructure-reinvestment>
- IRA appropriated \$5 billion through September 30, 2026, to carry out EIR, with a total cap on loans of up to \$250 billion.

### DOE OCED - Section 40103 (c)

- \$1 billion to carry out activities for energy improvements in rural and remote areas.
  - The ERA program received \$1 billion from the Bipartisan Infrastructure Law and provides financial investment, technical assistance, and other resources to advance clean energy demonstrations and energy solutions that are replicable and scalable. ERA aims to fund community-driven energy projects with three specific goals:
    - Deliver measurable benefits to energy customers in rural or remote areas by funding replicable energy projects that lower energy costs, improve energy access and resilience, and/or reduce environmental harm.
    - Demonstrate new rural or remote energy system models using climate-resilient technologies, business structures that promote economic resilience, new financing mechanisms, and/or new community engagement best practices.
    - Build clean energy knowledge, capacity, and self-reliance throughout rural America.

### DOE OCED - Section 40103 (b)

- \$5 billion for grants under the Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency. Funds available until expended, and the second round of funding is anticipated to be released in Q1 of FY24.
- To coordinate and collaborate with electric sector owners and operators—(A) to demonstrate innovative approaches to transmission, storage, and distribution infrastructure to harden and enhance resilience and reliability; and (B) to demonstrate new approaches to enhance regional grid resilience, implemented through States by public and rural electric cooperative entities on a cost-shared basis.

### USDA – Section 22004 Empowering Rural America (ERA)

- Up to \$9.7 billion in new funding is available for electric cooperatives to reduce greenhouse gas emissions by purchasing or deploying renewable energy, zero-emission systems, and carbon capture technology. Funding also can be used to make generation and transmission energy efficiency improvements. New ERA funding is designed to support long-term resiliency, reliability, and affordability. Applicants can request loans, grants, loan modifications, and other financial assistance.

- Fact Sheet: [Rural Energy for America Program Renewable Energy & Energy Efficiency Factsheet \(usda.gov\)](#)

#### USDA – Section 22001 Powering Affordable Clean Energy (PACE)

- PACE will make \$1 billion available in partly forgivable loans to clean-energy developers or electric service providers to help finance large-scale solar, wind, geothermal, biomass.
- The goal of the PACE Program is to support clean, affordable energy growth across America. The PACE Program provides loans to eligible entities, with varying levels of loan forgiveness, for Projects that generate and/or store electricity from a renewable energy resource.
- Project finance is still available for similar projects through normal RUS appropriation.

#### DOE Grant 242

- The Hydroelectric Production Incentive Program, section 242, provides incentive payments up to \$125 million to qualified hydroelectric facilities for electricity generated and sold.
- Capital investments that add hydropower generation at existing non-powered dams (NPD) or a conduit, and new green field projects (20 MW or less) in areas of inadequate electric service.

#### DOE Grant 243

- The Hydroelectric Production Incentive Program, section 243, allows owners or operators of existing hydroelectric facilities, including pumped storage hydropower, to apply for funding up to \$75 million for making capital improvements that improve their efficiency by at least 3%.

#### DOE Grant 247

- Section 247: Maintaining and Enhancing Hydroelectricity Incentives was created to maintain and enhance hydroelectric facilities to ensure generators continue to provide clean, affordable electricity, while integrating renewable energy resources such as wind and solar, improving dam safety, and reducing environmental impacts.
- Grid Resiliency- adapting to changing grid conditions, ancillary services, integrating other variable sources of generation, managing reservoir sediments.
- Dam Safety- maintenance or upgrade of spillways, erosion repair and seepage controls, upgrades or replacements of floodgates, infrastructure restoration, flood risk, and more.
- Environmental Improvements- adding or improving safe fish passage, improving water quality retainment, promoting downstream sediment transport processes, improving recreational access, and more.

#### DOE – LPO Title 17 Clean Energy Financing

- Financing for projects that deploy innovative clean energy technologies at commercial scale *or* employ innovative manufacturing processes or manufacture innovative technologies at commercial scale.
- Can request a no-cost pre-application consultation [here](#).

## 4. Long-Duration Energy Storage

(Several applications are now closed. This sheet will be updated as new rounds of funding emerge)

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Energy Infrastructure Reinvestment (EIR or 1706)</a> Energy Infrastructure Reinvestment	Projects that retool, repower, repurpose, or replace energy infrastructure	ROLLING	Applications open, available through <b>September 30, 2026</b>  (IRA loan authority expiration, <b>no set deadline</b> )	Loans	\$250 billion	Ariane Benrey (Consultant) - <a href="mailto:ariane.benrey@hq.doe.gov">ariane.benrey@hq.doe.gov</a>  Leslie Rich (Senior Consultant) - <a href="mailto:leslie.rich@hq.doe.gov">leslie.rich@hq.doe.gov</a>
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Innovative Energy</a>	Financing for projects that deploy New or Significantly Improved Technology that is technically proven but not yet widely commercialized in the United States.	ROLLING	Applications open, available through <b>September 30, 2026</b>  (IRA loan authority expiration, <b>no set deadline</b> )	Loans	\$40 Billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>
<a href="#">OCED Section 40342 CEML</a> Clean Energy Demonstration on Current and Former Mine Land	Eligible applicants include institutions of higher education, non-profit entities, for-profit entities, tribal nations, state and local governmental entities, incorporated consortia, and unincorporated consortia	CLOSED	Selections announced <del>March</del> <b>2024</b>	Grant	\$500 Million	<a href="mailto:engage_ceml@hq.doe.gov">engage_ceml@hq.doe.gov</a>  Katy Sartorius (Communications Director)
<a href="#">USDA Section 22001 “PACE”</a> Powering Affordable Clean Energy Program	Clean energy developers or electric service providers that finance hydropower or storage projects. This funding opportunity can also be used for biomass, geothermal, and other renewable energy sources.	CLOSED	Letters of Interest were <del>due September</del> <b>29, 2023</b>	Partially forgivable loans	\$1 billion	Tasha Deardorff (Area Manager) - <a href="mailto:tasha.deardorff@usda.gov">tasha.deardorff@usda.gov</a>  Clare Sierawski (Senior Energy Counselor) - <a href="mailto:clare.sierawski@usda.gov">clare.sierawski@usda.gov</a>

## **Funding Details:**

### [DOE – LPO](#)

- Funding Listing: <https://www.energy.gov/lpo/energy-infrastructure-reinvestment>
- IRA appropriated \$5 billion through September 30, 2026, to carry out EIR, with a total cap on loans of up to \$250 billion.

### [USDA – Section 22001 Powering Affordable Clean Energy \(PACE\)](#)

- PACE will make \$1 billion available in partly forgivable loans to clean-energy developers or electric service providers to help finance large-scale solar, wind, geothermal, biomass.
- The goal of the PACE Program is to support clean, affordable energy growth across America. The PACE Program provides loans to eligible entities, with varying levels of loan forgiveness, for Projects that generate and/or store electricity from a renewable energy resource.
- Project finance is still available for similar projects through normal RUS appropriation.

### [DOE – EERE Section 40334](#)

- This section authorizes \$10 million for FY 2022–2026, or \$2 million each year, and directs the Secretary of Energy to provide financial assistance to an eligible entity to carry out project design, transmission studies, power market assessments, and permitting for a pumped storage hydropower project to facilitate the long-duration storage of intermittent renewable electricity.
- This section also establishes specific eligibility criteria; i.e., the recipient must be an electric utility who can provide matching funds equal to or greater than the amount of financial assistance provided by DOE and the project must be designed to provide not less than 1,000 megawatts of storage capacity, be able to provide energy and capacity for use in more than one organized electricity market, be able to store electricity generated by intermittent renewable electricity projects located on Tribal land, and have received a preliminary permit from the Federal Energy Regulatory Commission.

### [DOE OCED – 40342](#)

- Section 40342 of the BIL authorizes DOE to establish a program to demonstrate the technical and economic viability of clean energy projects on current and former mine land in geographically diverse regions.
  - Projects regarding hydropower and pumped storage are eligible for funding from OCED with appropriations of \$500 million for the five-year encompassing FY22 through 2026.

### [DOE – LPO Title 17 Clean Energy Financing](#)

- Financing for projects that deploy innovative clean energy technologies at commercial scale *or* employ innovative manufacturing processes or manufacture innovative technologies at commercial scale.

- Can request a no-cost pre-application consultation [here](#).

## 5. Small Projects (Under 30 MW)

(Several applications are now closed. This sheet will be updated as new rounds of funding emerge)

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">Rural Energy for America Program</a>  Energy Audit & Renewable Energy Development Assistance Grants	State and local governments. Federally recognized tribes.  A land-grant college or university or other institutions of higher education.  Rural electric cooperatives.  Public power entities.  An instrumentality of a state, tribal or local government.  A Resource Conservation & Development Council (as defined in 16 USC §3451).	ROLLING   LIKELY FROZEN	Next Application windows: <del>January 31, 2025</del>	Grant	\$2.025 billion	Find State Energy Coordinator <a href="#">Here</a>
<a href="#">Rural Energy for America Program</a> Renewable Energy Systems & Energy Efficiency Improvement Guaranteed Loans & Grants	Private for-profit entity (sole Proprietorship, Partnership, or Corporation)  A Cooperative [including those qualified under Section 501(c)(12) of IRS Code]  An electric utility (including a Tribal or governmental electric utility) that provides service to rural consumers and operates independent of direct government control)  A Tribal corporation or other Tribal business entities	ROLLING  LAST WINDOW STILL OPEN	Next Application window: <del>December 31, 2024, March 31, 2025</del>	GRANT AND LOAN	\$2.025 billion	Find State Energy Coordinator <a href="#">Here</a>
<a href="#">DOE LPO – Title 17 Clean Energy Financing – Innovative Energy</a>	Financing for projects that deploy New or Significantly Improved Technology that is technically proven but not yet widely commercialized in the United States.	ROLLING	Applications open, available through <del>September 30, 2026</del>  (IRA loan authority expiration, <del>no set deadline</del> )	Loans	\$40 Billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>

Funding Sources	Investment Eligibility	Funding Phase/Status	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">DOE Grant 243</a> Hydroelectric Efficiency Improvement Incentives Program	Owners and operators of existing hydro facilities and pumped storage that improve hydropower efficiency by at least 3%	CLOSED	Awardees announced <a href="#">here</a>	Grant	\$75 million	Luciana Ciocchi (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocchi@hq.doe.gov">luciana.ciocchi@hq.doe.gov</a>
<a href="#">DOE Grant - 242</a> Hydroelectric Production Incentive Program	Incentive payments to qualified hydroelectric facilities for electricity generated and sold and investments for adding generation to existing non-powered dams or conduits	CLOSED	Phase 2 application opened March 14, 2024 Application due <del>April 23, 2024</del> Currently under review	Grant	\$84 million	Luciana Ciocchi (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocchi@hq.doe.gov">luciana.ciocchi@hq.doe.gov</a>
<a href="#">USDA Section 22001 "PACE"</a> Powering Affordable Clean Energy Program	Clean energy developers or electric service providers that finance hydropower or storage projects. This funding opportunity can also be used for biomass, geothermal, and other renewable energy sources.	CLOSED	Letters of Interest were <del>due September 29, 2023</del>	Partially forgivable loans	\$1 billion	Christopher McLean (Assistant Administrator) <a href="mailto:christopher.mclean@usda.gov">christopher.mclean@usda.gov</a>

### Funding Details:

#### [USDA – Section 22002 Rural Energy for America Program \(REAP\)](#)

- Provides up to \$2.025 billion in RBCS funding, with \$303 million set aside for underutilized technologies and technical assistance. More than \$300 million has already been announced, with more to come. Most grants can cover up to 50 percent of total project costs. REAP funds support renewable energy and energy efficiency projects for tens of thousands of rural small businesses and farms.

#### [DOE Grant 243](#)

- The Hydroelectric Production Incentive Program, section 243, allows owners or operators of existing hydroelectric facilities, including pumped storage hydropower, to apply for funding up to \$75 million for making capital improvements that improve their efficiency by at least 3%.

#### [DOE Grant 242](#)

- The Hydroelectric Production Incentive Program, section 242, provides incentive payments up to \$125 million to qualified hydroelectric facilities for electricity generated and sold.



- Capital investments that add hydropower generation at existing non-powered dams (NPD) or a conduit, and new green field projects (20 MW or less) in areas of inadequate electric service.

#### USDA – Section 22001 Powering Affordable Clean Energy (PACE)

- PACE will make \$1 billion available in partly forgivable loans to clean-energy developers or electric service providers to help finance large-scale solar, wind, geothermal, biomass.
- The goal of the PACE Program is to support clean, affordable energy growth across America. The PACE Program provides loans to eligible entities, with varying levels of loan forgiveness, for Projects that generate and/or store electricity from a renewable energy resource.
- Project finance is still available for similar projects through normal RUS appropriation.

#### DOE – LPO Title 17 Clean Energy Financing

- Financing for projects that deploy innovative clean energy technologies at commercial scale *or* employ innovative manufacturing processes or manufacture innovative technologies at commercial scale.
- Can request a no-cost pre-application consultation [here](#).