



## **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.

Available grant and/or loan programs are organized by type of work you are doing. 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

Funding Sources	Investment Eligibility	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">USACE – CWIFP</a>	Non-federal projects focused on maintaining, upgrading, and repairing dams identified in the National Inventory of Dams	Application open September 20, 2023  Application period closed December 19, 2023	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>	States, tribes, and utilities seeking funding for energy improvements in rural or remote areas	<a href="#">Full application</a> extended deadline to October 26, 2023;  Application period closed	Grant	\$1 billion	Katy Sartorius (Communications Director) – <a href="mailto:katy.sartorius@hq.doe.gov">katy.sartorius@hq.doe.gov</a>
<a href="#">USDA – Section 22004 “New Era”</a>	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	Letters of Interest were due September 15, 2023	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="#">DOE Grant 247</a>	Grid Resiliency, Dam Safety, and Environmental Improvements	<a href="#">Guidance</a> issued in May 2023. <a href="#">Letters of Intent</a> were due June 22, 2023; full applications due October 6, 2023 ( <i>letter of intent was required to complete the full application</i> )	Grant	\$553 million	Luciana Cioeci (Stakeholder Engagement Lead) – <a href="mailto:luciana.cioeci@hq.doe.gov">luciana.cioeci@hq.doe.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.
- Pre-applications were due July 13, 2023. The deadline for the [full application](#) has been extended to October 26, 2023.
- The full application has now closed.

#### [USDA – Section 22004 Empowering Rural America \(New Era\)](#)

- 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 two-pager [https://www.rd.usda.gov/sites/default/files/fact-sheet/508\\_RD\\_FS\\_RBS\\_REAP\\_RE.pdf](https://www.rd.usda.gov/sites/default/files/fact-sheet/508_RD_FS_RBS_REAP_RE.pdf)
- [Letters of Interest \(LOIs\) were due on September 15, 2023](#)

#### [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.
- [Letters of Intent](#) were due June 22, 2023, with applications closing October 6, 2023
- 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

Funding Sources	Investment Eligibility	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">Bureau of Reclamation - WaterSMART</a>	States, irrigation or water districts, tribes, nonprofits, universities, or organizations with water or power delivery authority	FY24 applications are open, with <b>several programs due in Q1</b> (see link)	Grants	Millions	Marie Hughes Brown (Assistant Director) - <a href="mailto:mhughesbrown@usbr.gov">mhughesbrown@usbr.gov</a> Mathew Maucieri (Program Manager) - <a href="mailto:mmaucieri@usbr.gov">mmaucieri@usbr.gov</a> <a href="#">(Get updates here)</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	Applications open, available through September 30, 2026 (IRA loan authority expiration)	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	Available now - specific to each program	Tool to Find Grants & Loans	\$2 billion	FWS: Shannon Boyle- <a href="mailto:shannon_boyle@fws.gov">shannon_boyle@fws.gov</a>
<a href="#">NOAA   DOI   DOT   FEMA</a>	Habitat Restoration Funding Opportunities for Hydropower and Waterpower	Available now - specific to each program	Tool to Find Grants & Loans	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.	Applications open, available through September 30, 2026 (IRA loan authority expiration)	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>	Grid Resiliency, Dam Safety, and Environmental Improvements	<a href="#">Guidance</a> issued in May 2023. <a href="#">Letters of Intent</a> were due June 22, 2023; full applications due October 6, 2023 (letter of intent required to complete full application)	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.
- [Letters of Intent](#) were due June 22, 2023, with applications closing October 6, 2023

- 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

Funding Sources	Investment Eligibility	Date Available	Funding Type	Appropriated Amount	Primary Contact
<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	Applications open, available through September 30, 2026 (IRA loan authority expiration)	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 OCED – Section 40103 (c)</a> <a href="#">DE-FOA-0002986</a>	States, tribes, and utilities seeking funding for energy improvements in rural or remote areas	<a href="#">Full application extended deadline to October 26, 2023;</a> Application period closed	Grant	\$1 billion	Katy Sartorius (Communications Director) <a href="mailto:katy.sartorius@hq.doe.gov">katy.sartorius@hq.doe.gov</a>
<a href="#">DOE OCED - Section 40103 (b)</a> <a href="#">DE-FOA-0003195</a> (GRIP)	States, tribes, local governments, and utilities upgrade our electric grid and ensure reliability and resiliency.	Concept Paper <b>Deadline January 12, 2024</b> Full application deadline April 17, 2024	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.	Applications open, available through September 30, 2026 (IRA loan authority expiration)	Loans	\$40 Billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>
<a href="#">USDA – Section 22004 “New Era”</a>	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.	Letters of Interest were due September 15, 2023	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>	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.	Letters of Interest were due September 29, 2023	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 Sources	Investment Eligibility	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">DOE Grant - 242</a>	Incentive payments to qualified hydroelectric facilities for electricity generated and sold and investments for adding generation to existing non-powered dams or conduits	Applications closed for electricity generated CY21 and CY22  DOE to reopen applications for CY23 electricity in Spring 2024	Grant	\$125 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>	Owners and operators of existing hydro facilities and pumped storage that improve hydropower efficiency by at least 3%	<a href="#">Guidance</a> issued in March 2023; Applications closed; selections for funding pending	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>	Grid Resiliency, Dam Safety, and Environmental Improvements	<a href="#">Guidance</a> issued in May 2023. <a href="#">Letters of Intent</a> were due June 22, 2023; full applications due October 6, 2023 ( <i>letter of intent was required to complete the full application</i> )	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.
- Pre-applications are due July 13, 2023. The deadline for the [full application](#) has been extended to October 26, 2023.

#### 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 (New 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 two-pager [https://www.rd.usda.gov/sites/default/files/fact-sheet/508\\_RD\\_FS\\_RBS\\_REAP\\_RE.pdf](https://www.rd.usda.gov/sites/default/files/fact-sheet/508_RD_FS_RBS_REAP_RE.pdf)
- [Letters of Interest \(LOIs\) were due on September 15, 2023](#)

#### 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.
- Letters of Interest (LOIs) were due on September 29, 2023.
- 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%.
- The application window closed on June 20, 2023, and applications are currently being reviewed.

### 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.
- [Letters of Intent](#) were due June 22, 2023, with applications closing October 6, 2023
- 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

Funding Sources	Investment Eligibility	Date Available	Funding Type	Appropriated Amount	Primary Contact
<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	Applications open, available through September 30, 2026  (IRA loan authority expiration)	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.	Applications open, available through September 30, 2026  (IRA loan authority expiration)	Loans	\$40 billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>
<a href="#">USDA Section 22001 “PACE”</a>	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.	Letters of Interest were due September 29, 2023	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 – EERE</a>	Pumped storage: electric utilities that provide 1,000 MW of storage capacity	Applications closed; selections for funding pending	Grant	\$10 million	Sam Boeckenhauer, (HydroWIREs Lead) – <a href="mailto:samuel.boeckenhauer@ee.doe.gov">samuel.boeckenhauer@ee.doe.gov</a>
<a href="#">DOE OCED – Section 40342</a>	Projects that advance the widespread deployment of clean energy projects on current and former mine land.	Full applications were due August 31, 2023.	Grant	\$500 million	Katy Sartorius (Communications Director) <a href="mailto:katy.sartorius@hq.doe.gov">katy.sartorius@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.

#### [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.
- Letters of Interest (LOIs) were due on September 29, 2023.
- 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)

Funding Sources	Investment Eligibility	Date Available	Funding Type	Appropriated Amount	Primary Contact
<a href="#">USDA – Section 22002 “REAP”</a>	Rural Small Businesses (including Rural Electric Cooperatives, Electric Utilities, or Tribal Business Entities that meet the definition of small business) or Agriculture Producers who need funding for energy efficiency improvements or renewable energy systems	Application windows: <del>Q3: October 1, 2023– December 31, 2023</del> Q4: January 2, 2024– March 31, 2024 Q5: April 1, 2024– June 30, 2024 Q6: July 1, 2024– September 20, 2024	Grant	\$2.025 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 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.	Applications open, available through September 30, 2026 (IRA loan authority expiration)	Loans	\$40 Billion	Adam Wallen (contractor) - <a href="mailto:adam.wallen@hq.doe.gov">adam.wallen@hq.doe.gov</a>
<a href="#">DOE Grant 243</a>	<del>Owners and operators of existing hydro facilities and pumped storage that improve hydropower efficiency by at least 3%</del>	<del><a href="#">Guidance</a> issued in March 2023; Applications closed; selections for funding pending</del>	<del>Grant</del>	<del>\$75 million</del>	<del>Luciana Ciocci (Stakeholder Engagement Lead) – <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a></del>
<a href="#">DOE Grant - 242</a>	Incentive payments to qualified hydroelectric facilities for electricity generated and sold and investments for adding generation to existing non-powered dams or conduits	Applications closed for electricity generated CY21 and CY22  DOE to reopen applications for CY23 electricity in <b>Spring 2024</b>	Grant	\$125 million	Luciana Ciocci (Stakeholder Engagement Lead) - <a href="mailto:luciana.ciocci@hq.doe.gov">luciana.ciocci@hq.doe.gov</a>
<a href="#">USDA Section 22001 “PACE”</a>	<del>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.</del>	<del>Letters of Interest were due September 29, 2023</del>	<del>Partially forgivable loans</del>	<del>\$1 billion</del>	<del>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></del>

## **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%.
- The application window closed on June 20, 2023, and applications are currently being reviewed.

### 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.
- Letters of Interest (LOIs) were due on September 29, 2023.
- 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](#).