



EDF

Office of Energy Dominance Financing

DOE EDF: Unleashing American Energy Infrastructure & Innovation

How DOE is working via the Office of Energy Dominance Financing (EDF) to **boost** the Nation's **stable baseload power**, **help win the global AI race**, **bring back jobs**, **strengthen industry**, and **restore American energy dominance.**

AGENDA

1. **Who We Are** ★ EDF's Vision, Mission, Mandate, and Values ★ A New Direction
2. **The Challenges** ★ Overcoming the Energy Reliability & Affordability Crisis ★
Providing Baseload Power for American Dominance ★ Helping to Win the AI Race
★ Resurrecting America's Nuclear Energy Industry
3. **How EDF Can Help** ★ Priority Technology Sectors ★ EDF Financing Programs ★
Energy Dominance Financing Program
4. **Working with EDF** ★ EDF's Application Process ★ Let's Talk About Your Project!

WHO WE ARE

- ★ EDF works at the direction of the Administration and DOE to help **ensure affordable, reliable, and secure energy** for all Americans ★
- ★ Working to restore **accountability, responsible stewardship** of taxpayer funds, and **common-sense financing** to EDF operations ★

EDF's Vision



*Affordable, reliable, and secure energy
that supports America's national
security and economic growth.*

EDF's Mission



*EDF provides financing to American energy and manufacturing projects that meaningfully contribute to **U.S. energy security, grid reliability, and lowering costs for all Americans**. EDF empowers the private sector to invest in the future, help win the AI race, bring back jobs, strengthen industry, and restore American energy dominance.*

EDF's Mandate

EDF has a Congressional, bipartisan mandate to:

- ★ **Unleash American innovation** by financing large-scale, high-impact, and cutting-edge energy and manufacturing projects across the United States.

- ★ **Support energy addition** by making it attractive to build large energy infrastructure projects in the United States.

- ★ **Make energy more affordable, reliable, and secure** for American families.



EDF's Values



★ Accountability ★ Professional Excellence
★ Respect ★ Collaboration ★ Stewardship

A New Direction





DOE is undertaking a thorough review of financial assistance that identifies waste of American taxpayer dollars, protects America's national security, and advances President Trump's mission of energy dominance.

— DOE Secretary Chris Wright

June 18, 2025 ★ Senate Energy and Water Development Hearing

What EDF Does for America

At the direction of the White House and DOE, EDF works to:

-  **SECURE & STRENGTHEN** American energy assets.
-  **BOOST** American energy innovation & technologies.
-  **EXPAND** affordable, reliable, and secure energy for all Americans.
-  **CREATE** American jobs.
-  **BOLSTER** national security.

Implementing the President's Agenda

Related Executive Orders:

Nuclear	<i>Reinvigorating the Nuclear Industrial Base</i> ★ May 23, 2025 <i>Deploying Advanced Nuclear Reactor Technologies for National Security</i> ★ May 23, 2025 <i>Reforming Nuclear Reactor Testing at the Department of Energy</i> ★ May 23, 2025
Critical Minerals & Materials	<i>Unleashing America's Offshore Critical Minerals and Resources</i> ★ April 24, 2025 <i>Ensuring National Security and Economic Resilience Through Section 232 Actions on Processed Critical Minerals and Derivative Products</i> ★ April 15, 2025 <i>Immediate Measures to Increase American Mineral Production</i> ★ March 20, 2025 <i>Unleashing American Energy</i> ★ January 20, 2025
Clean Coal, Oil and Gas & Hydrocarbons	<i>Reinvigorating America's Beautiful Clean Coal Industry and Amending Executive Order 14241</i> ★ April 8, 2025 <i>Unleashing American Energy</i> ★ January 20, 2025
Grid & Transmission	<i>Strengthening the Reliability and Security of the United States Electric Grid</i> ★ April 8, 2025
Geothermal	<i>Strengthening the Reliability and Security of the United States Electric Grid</i> ★ April 8, 2025 <i>Unleashing American Energy</i> ★ January 20, 2025
Manufacturing & Transportation	<i>Establishing the United States Investment Accelerator</i> ★ March 31, 2025

Restoring Trust, Accountability & Common-Sense Financing

EDF's top priority is responsible stewardship of taxpayer dollars. Since its creation in 2005, **EDF has closed over \$124 billion in loans and loan guarantees.** As of February 28, 2026, just over 40% of this amount had been disbursed.

- ★ **\$50.9 billion** (or approximately 41%) of issued financing for closed loans and loan guarantees **has been disbursed.**
- ★ Of the sums disbursed, **\$17.6 billion has been repaid** and 32.6 billion including interest is outstanding.
- ★ All closed loans are closely scrutinized prior to each advance, with a thorough re-evaluation of financial circumstances to ensure careful stewardship of taxpayer funds.

Loans & Loan Guarantees Issued	\$124.7 billion
Conditional Commitments	\$25.0 billion
Amount Disbursed	\$50.9 billion
Principal Repaid	\$17.6 billion
Interest Paid*	\$6.6 billion
Actual & Estimated Losses	\$1.03 billion
Actual & Estimated Losses as Percentage of Total Disbursement	2.0%

* **NOTE:** All figures as of February 28, 2026. Interest paid figure calculated without respect to Treasury's borrowing cost.

THE CHALLENGES

- ★ **A generational energy reliability and affordability crisis** ★
- ★ **Boosting baseload power to help win the global AI race & support American energy dominance** ★
- ★ **Resurrecting the nuclear energy industry in the U.S.** ★

The Challenge: Energy Reliability & Affordability

America is facing a unique set of generational challenges that are creating a crisis of energy reliability & affordability:

- ★ **Unprecedented demand pressures** on electricity and the grid.
- ★ **The scope of grid and transmission infrastructure upgrades** needed to respond to those demands and position the U.S. as globally competitive for data centers and in the race to host emerging Artificial Intelligence (AI) innovative technologies.
- ★ A recent and projected **reduction in existing reliable, stable baseload generation sources** such as coal-fired power plants.

The Challenge: Boosting Baseload Power & Winning AI

The U.S. is waging a war of global competitiveness for energy dominance, with baseload supply being the determining factor to victory on a number of economic fronts, including the race for AI leadership.

- ★ While the U.S. still leads the world in workforce talent and advanced energy technologies, without reliable, affordable baseload power and the means to distribute it efficiently, **we are quickly falling behind globally.**
- ★ Best estimates of projected increased demands on the grid put national needs at **100 GW - 300 GW needed over 5-10 years.**
- ★ **Global competitors such as China are adding baseload power at an unprecedented pace, creating attractive alternative marketplaces for innovative AI technologies.**

HOW EDF CAN HELP

- ★ A renewed focus on the priority **technologies & projects** best-positioned to help meet the Nation's **immediate energy challenges** ★
- ★ Newly-improved **EDF financing programs** tailored to better meet the America's **immediate energy challenges** while **protecting taxpayer interests** ★
- ★ **Financing program improvements** resulting from **OBBBA** ★

Delivering on America's Energy Needs



*<EDF> is critical at the cutting edge of energy. **It is really the most efficient tool we have in the Department** to help emerging energy technologies. Used judiciously, it's a way to **leverage private capital** to make things happen fast.*

— DOE Secretary Chris Wright

May 21, 2025 ★ Senate Energy and Water Development Hearing

EDF Priority Technology Sectors

- ★ EDF has the statutory authority to administer programs that finance projects across a wide variety of **energy technologies** and manufacturing sectors.
- ★ DOE leadership identifies **technology sectors** in the greatest need of support in the interest of national security, energy independence, global AI leadership, and other immediate Administration priorities.

★ NUCLEAR ★

★ COAL, OIL AND GAS & HYDROCARBONS ★

★ CRITICAL MINERALS & MATERIALS ★

★ GENERATION & TRANSMISSION ★

★ UTILITIES ★

★ GEOTHERMAL ★

★ MANUFACTURING & TRANSPORTATION ★

EDF Financing Programs



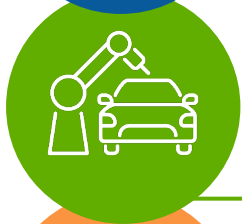
Energy Dominance Financing Program (EDFP)

- ★ Previously known as the Energy Infrastructure Reinvestment Program (EIR)



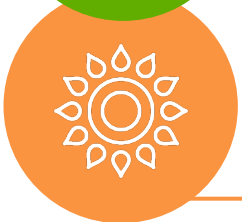
Title 17 Energy Financing Program (1703)

- ★ Innovative Energy & Innovative Supply Chain projects
- ★ State Energy Financing Institution (SEFI)-supported projects



Advanced Transportation Financing (ATVM)

- ★ Manufacturing of advanced technology vehicles, several modes of ATVs, components, and innovative EV charging infrastructure



Tribal Energy Financing Program (TEFP)

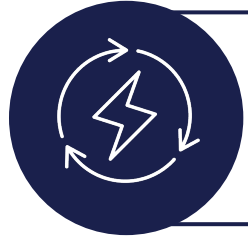
- ★ Tribal energy development projects

★ Over \$200B in EDFP Loan Authority ★

New generation facilities or repurposing of retired plants that enable dispatchable or baseload power, including:

- Nuclear energy
- Oil, gas, or coal generation
- Critical materials/minerals
- Grid resilience technology, distributed energy, energy storage
- Transmission interconnection to off-site energy generation
- New manufacturing facilities for energy products or services
- Reconductoring transmission lines, upgrading voltage
- Replacing oil and gas pipelines
- Upgrading or retrofitting refineries
- Upgrading or upgrading electricity infrastructure

Energy Dominance Financing Program (EDFP)



Energy Dominance Financing Program (EDFP)

★ Previously known as the Energy Infrastructure Reinvestment Program (EIR)

- ★ A revamped and renamed **Energy Dominance Financing Program (EDFP/1706)** with \$1 billion in credit subsidy and an extended two-year timeline to issue conditional commitments (originally September 30, 2026; now **September 30, 2028**).
- ★ **Finances projects that:**
 1. Retool, repower, repurpose, or replace **energy infrastructure** that have ceased operations;
 2. Enable operating energy infrastructure to **increase capacity and output**; or
 3. Support or enable the provision of known or forecastable electric supply at time intervals necessary to **maintain or enhance grid reliability** or other system adequacy needs.

WORKING WITH EDF

- ★ The EDF application process ★
- ★ Let's talk about your project! ★

The EDF Application Process

All EDF financing programs follow the same general process for applicants:

1. **Pre-Application** ★ No-fee meeting to discuss project eligibility, application process, and applicant questions.
2. **Application & Review** ★ Applicant invited to formal application, followed by programmatic, technical, and financial evaluation. Title 17 program applications include a Part I and Part II.
3. **Due Diligence** ★ EDF and applicant engage third-party advisors and negotiate term sheet.
4. **Conditional Commitment** ★ EDF offers term sheet for loan or loan guarantee, contingent on borrower satisfying certain conditions.
5. **Financial Close** ★ EDF and borrower execute definitive financing documents, subject to additional conditions precedent to loan disbursements.
6. **Monitoring** ★ DOE monitors project in partnership with the borrower for the life of the loan, acting in the best interest of the American taxpayer.



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LET'S TALK ABOUT YOUR PROJECT!

Contact EDF to see what financing options may be available for your project



Call or write to schedule a no-fee, pre-application consultation: [202-287-5900](tel:202-287-5900) | EDF@hq.doe.gov



Learn more about EDF and all of its financing programs at: [Energy.gov/EDF](https://www.energy.gov/EDF)