



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 \$126 billion in loans and loan guarantees.** As of June 30, 2026, nearly 42% of this amount had been disbursed.

- ★ **\$52.8 billion** (or nearly 42.0%) of issued financing for closed loans and loan guarantees **has been disbursed.**
- ★ Of the sums disbursed, **\$17.8 billion has been repaid.**
- ★ 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	\$126.3 billion
Conditional Commitments	\$36.2 billion
Amount Disbursed	\$52.8 billion
Principal Repaid	\$17.8 billion
Interest Paid*	\$6.9 billion
Actual & Estimated Losses	\$1.03 billion
Net Impact on Federal Budget	+ \$5.87 billion
Actual & Estimated Losses as Percentage of Total Disbursement	2.0%

* NOTE: All figures as of June 30, 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

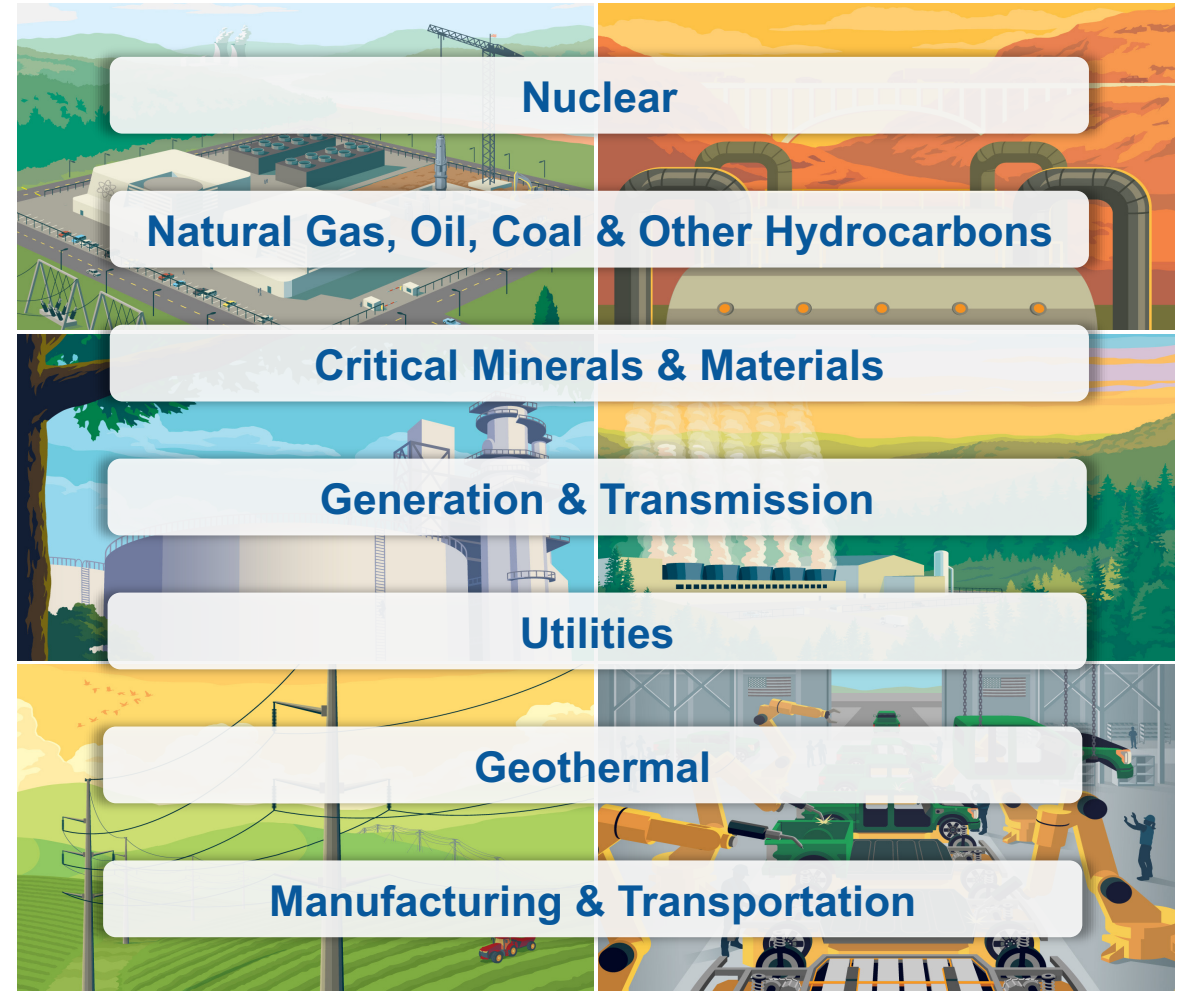
*<EDF> is critical at the cutting edge of energy. **It is really the most efficient tool we have in the Department** to help emerging energy technologies. Used judiciously, it's a way to **leverage private capital** to make things happen fast.*

— DOE Secretary Chris Wright

May 21, 2025 ★ Senate Energy and Water Development Hearing

EDF Priority Technology Sectors

- ★ EDF has over \$500B in statutory loan 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.



EDF Financing Programs



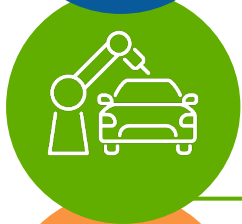
Energy Dominance Financing Program (EDFP)

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



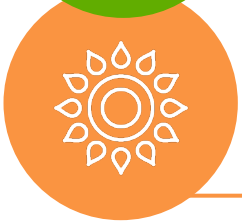
Title 17 Energy Financing Program (1703)

- ★ 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)

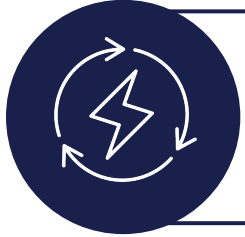
- ★ Tribal energy development projects

★ 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** | **EDF@hq.doe.gov**



Learn more about EDF and all of its financing programs at: **Energy.gov/EDF**

Scan the QR Code or go to:
Energy.gov/EDF/Applicants
to access applicant resources and learn more about the EDF application process!



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