



# Building a Bridge to Bankability



How LPO helps finance **innovative clean energy**, **advanced transportation**, and **tribal energy** projects in the United States, moving technologies along the final milestones to **full market acceptance**.

Americans for a Clean Energy Grid  
Transmission Time: Opportunities  
for Transmission Funding

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LPO Overview  
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# What LPO Does

## A Bridge to Bankability



There are many areas that are mature from a technology standpoint but not mature from an access to capital standpoint — **that's a nexus where there's a clear mandate for LPO to participate.**

— LPO Director Jigar Shah



The **U.S. Department of Energy Loan Programs Office (LPO)** finances innovative clean energy, advanced transportation, and tribal energy projects, **servicing as a bridge to bankability for breakthrough projects and technologies**, derisking them at early stages of commercialization so they can reach full market acceptance.



# The Bridge to Bankability

Providing financing for technologies to go the last mile to reach full market acceptance



# What LPO Offers

## Value-Added Financing

The unique value of working with LPO for clean energy technology financing

**LPO loans and loan guarantees** are differentiated in the clean energy debt capital marketplace in **three primary ways:**



### Access to Patient Capital

that private lenders cannot or will not provide.



### Flexible Financing

customized for the specific needs of individual borrowers.



### Committed DOE Partnership

offering specialized expertise to borrowers for the lifetime of the project.



# LPO Financing

## How We Build the Bridge

LPO provides **loans and loan guarantees** to projects that have demonstrated potential to **accelerate the decarbonization** of the U.S. economy, focusing on those that combine **clean energy technology** with **effective financial models**.

### Innovative Clean Energy

#### Loan Guarantees

Title 17 Program

- **Innovative Clean Energy | \$2.5 Billion**
- **Innovative Fossil Energy | \$8.5 Billion**
- **Innovative Nuclear Energy | \$10.9 Billion**

### Advanced Transportation

#### Loans & Loan Guarantees

ATVM & Title 17 Programs

- **Manufacturing | \$17.7 Billion** in ATVM loans
- **Deployment | Eligible for the same \$2.5 Billion** in Innovative Clean Energy loan guarantees as above

### Tribal Energy

#### Loans & Loan Guarantees

TELGP Program

- **Tribal Energy Projects | Up to \$2.0 Billion**



# Inflation Reduction Act Appropriations

\$11.7 billion to support issuing new loans

## Existing Loan Programs



## New Loan Program



To guarantee loans to projects that retool, repower, repurpose, or replace energy infrastructure that has ceased operations, or enable operating energy infrastructure to avoid, reduce, utilize, or sequester air pollutants or anthropogenic emissions of greenhouse gases.



Loan guarantees for the deployment of innovative energy projects at commercial scale

### Eligibility

**The Title 17 program can consider innovative clean energy projects that:**

1. Use innovative technology.
2. Reduce, avoid, or sequester greenhouse gas emissions or air pollutants.
3. Are located in the U.S.
4. Provide reasonable prospect of repayment.

### Loan Guarantee Features

- LPO can offer 100% guarantee of U.S. Treasury's Federal Finance Bank (FFB) loans or partial guarantees of commercial loans.
- Senior secured debt priced competitively with commercial rates.
- DOE can serve as sole lender or as a co-lender.
- Structures may include project finance, structured corporate, corporate or warehousing lines.



Energy development projects via the Tribal Energy Loan Guarantee Program (TELGP)

## Eligibility

**TELGP can consider tribal energy projects that:**

1. Are owned by a tribe or entity that is majority tribally owned and controlled.
2. Are seeking direct loans (through FY 2022) or partial guarantees of commercial loans.
3. Are located in the U.S. (Tribal or non-tribal land, single site or distributed).
4. Are financially viable. TELGP is not a grant program and the borrower will be required to invest equity in the project.
5. No innovation requirement.

## Technologies

**Projects employing commercial technology are preferred.**

**Technology areas of interest include, but are not limited to:**

- Renewable Energy
- Transmission Infrastructure & Energy Storage
- Fossil Energy
- Transportation of Fuels





# The LPO Loan Transaction Process

LPO engages early with applicants and remains a partner throughout the lifetime of the loan





# Let's Talk About Your Project

Contact LPO 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** | **LPO@hq.doe.gov**



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

**Energy.gov/LPO**

