



DOE LOAN PROGRAMS OFFICE

Programs for Energy Innovation and Tribal
Energy Development

Alaska Webinar on
Pumped Hydropower
Storage

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Financing American Energy Infrastructure

The Department of Energy's Loan Programs Office (LPO)

was established for borrowers seeking access to debt financing for energy infrastructure projects.

With over \$40 billion in available debt capital, LPO programs finance high-impact projects and first-time commercializations, partnering with borrowers to customize deal structures.



Access to Debt Capital

that private lenders cannot or will not provide.



Flexible Financing

customized for the specific needs of individual borrowers.



A Committed Partner

offering expertise to borrowers for the lifetime of the project.

\$40 Billion in Available Debt Capital

LPO offers project financing across energy sectors through three distinct loan programs.

TELGP
Partial Loan Guarantees



Tribal Energy Projects
Up to \$2 Billion Available



TITLE 17
Innovative Energy
Loan Guarantees



Advanced Fossil Energy
\$8.5 Billion Available



Advanced Nuclear Energy
\$10.9 Billion Available



Renewable Energy & Efficient Energy
Up to \$4.5 Billion Available



ATVM
Direct Loans



**Advanced Technology
Vehicle Manufacturing**
\$17.7 Billion Available





Tribal Energy Projects



Up to \$2 Billion in Partial Loan Guarantees Available

LPO supports all-of-the-above energy development projects and activities through its Tribal Energy Loan Guarantee Program (TELGP)

Financing

LPO provides access to debt capital for tribal ownership of energy projects and activities that support economic development and tribal sovereignty.

Eligibility

LPO can consider tribal energy projects that:

1. Are owned by a tribe or entity that is majority tribally owned and controlled.
2. Are located in the U.S. (project may be single site or distributed portfolio and on non-tribal land).
3. Are financially viable – borrower will be required to invest equity in the project.
4. No innovation requirement, though projects employing commercial technology are preferred.

Technologies

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

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

Offering Flexible Financing Solutions

LPO can provide affordable, custom financing to meet the specific needs of individual borrowers.

- ✓ **Loan Type** | Partial guarantee of up to 90% of commercial debt.
- ✓ **Competitive Pricing** | Pricing negotiated by lender and borrower; partial guarantee includes a risk-based fee.
- ✓ **Long Tenor** | Tenor of up to 30 years or 90% of projected useful life of assets financed.
- ✓ **Flexible Deal Structures** | Structures may include project finance, structured corporate, corporate or warehousing lines.
- ✓ **Debt Amount Determination** | Debt amount based on credit profile, business plan, technology, cash flows, project risk allocation and other relevant factors.
- ✓ **Acquisition Financing** | May be eligible if the substantial improvement or modification of existing facilities is involved.
- ✓ **Viability Standard** | Emphasis placed on certainty of cash flow to the project during initial financial viability review and during subsequent due diligence.



Renewable Energy & Efficient Energy



Up to \$4.5 Billion in Loan Guarantees Available

LPO helps bring renewable & efficient energy projects to commercial scale through its Title 17 Innovative Energy Loan Guarantee Program.

Financing

LPO provides access to **debt capital** for energy projects using innovative technology when commercial lenders cannot or will not provide financing.

Eligibility

LPO can consider renewable & efficient energy projects that:

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

Technologies

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

- Advanced Grid Integration & Storage
- Advanced Hydro and Pumped Hydro Storage
- Alternative Fuel Vehicle Infrastructure
- Distributed Energy Projects
- Efficiency Improvements
- Offshore Wind & Related Infrastructure
- Waste-To-Energy

Offering Flexible Financing Solutions

LPO can provide affordable, custom financing to meet the specific needs of individual borrowers.

- ✓ **Loan Type** | Direct loan from U.S. Treasury's Federal Financing Bank (FFB) backed by 100% DOE guarantee or DOE partial guarantee of commercial loans.
- ✓ **Affordable Debt** | Senior secured, fixed or floating rate debt.
- ✓ **Competitive Pricing** | Equal to U.S. Treasury-equivalent yield curve plus a credit risk premium, typically ranging from 37.5 to 200 basis points.
- ✓ **Long Tenor** | Tenor of up to 30 years or 90% of projected useful life of assets financed.
- ✓ **Flexible Deal Structures** | Structures may include project finance, structured corporate, corporate or warehousing lines.
- ✓ **DOE Role** | Can serve as sole lender or as a co-lender.
- ✓ **Debt Amount Determination** | Debt amount based on credit profile, business plan, market risk, technology, cash flows, project risk allocation and other relevant factors, up to 80% of total project costs.
- ✓ **Viability Standard** | Emphasis placed on certainty of cash flow to the project during initial financial viability review and during subsequent due diligence.



LPO

Loan Programs Office

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: **202-586-8336** | **lpo@hq.doe.gov**



Learn more about LPO and all of its lending programs at: **energy.gov/LPO**

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