

# Renewable Energy and Efficient Energy Loan Guarantees



## REEE Technology Spotlight: Offshore Wind Energy

Through its Title 17 Innovative Energy Loan Guarantee Program, LPO can provide up to \$3.0 billion in loan guarantees to finance catalytic, replicable, and market-ready renewable energy and efficient energy technologies.

Contact LPO today to schedule a pre-application consultation: [LGProgram@hq.doe.gov](mailto:LGProgram@hq.doe.gov)

### Working With LPO Provides Value

LPO provides borrowers access to capital, flexible financing, and expert project support to help reinvigorate, advance, and transform America's energy infrastructure.

#### Access to Capital

LPO provides access to debt capital that private lenders cannot or will not provide. LPO can provide loans or loan guarantees as either sole lender or as a co-lender to first-of-a-kind projects and other high-impact, energy-related ventures.

#### Flexible Financing

LPO can provide flexible, custom financing to meet the specific needs of individual borrowers. LPO works closely with industry to bridge gaps in the commercial debt market that could occur when the private sector might not fully understand the innovative technologies that need financing. As a co-lender, LPO can size debt up or down to meet the project's capital needs.

#### A Committed Project Partner

LPO engages with projects early in development and remains involved for the entire lifetime of the financing. LPO supports projects with its in-house team of experienced financial, technical, legal, risk mitigation, portfolio management, and environmental professionals.



### Sector-Wide Financing

Deployment of infrastructure is necessary to build a commercial industry, especially in areas like offshore wind industry. Infrastructure build-out requirements for the offshore wind industry could include projects such as:

- Foundation Manufacturing Facilities
- Dockside Staging & Laydown Yards
- Blade Manufacturing Facilities For The Very Large Turbines Used Offshore
- Construction Of Specialized Vessels That Will Operate Exclusively On U.S. Projects

### The LPO Wind Financing Advantage

What makes LPO different from commercial banks:

- In-house **engineering** group with specialized experience in innovative wind technologies.
- Dedicated **environmental compliance** group that has developed relationships with regulatory authorities at the Bureau of Ocean Energy Management and the US Army Corps of Engineers that are the principal permitting authorities for activities affecting the U.S. outer continental shelf and ocean riparian areas. They work to ensure coordination occurs with other federal regulators to avoid duplication of effort and facilitate required environmental compliance processes.

## Basic Project Eligibility Requirements

To be considered for the Title 17 Innovative Energy Loan Guarantee Program, Renewable Energy and Efficient Energy projects must satisfy all four of the following basic eligibility requirements:

- ✓ **Innovative Technology**
- ✓ **Greenhouse Gas Benefits**
- ✓ **Located in the United States**
- ✓ **Reasonable Prospect of Repayment**



### Title 17 Innovative Energy Loan Guarantee Program

#### Wind Energy Project Spotlight

## Loan Application Process

- 1 Pre-Application Consultation**  
 Engage with LPO for a no-fee, pre-application consultation to review project technology areas and basic eligibility requirements.
- 2 Formal Application Process**  
 Submit a Part I application to LPO to determine basic eligibility, and then submit the in-depth Part II application to determine project viability. There is no fee due at the submission of Part I or Part II applications.
- 3 Due Diligence & Term Sheet Negotiation**  
 Enter due diligence, negotiate term sheet, and receive a conditional commitment offer.
- 4 Loan Closing & Project Monitoring**  
 Negotiate and execute loan documents. An origination fee will be charged to the applicant only upon financial close of the loan guarantee.

### Shepherds Flat: Award-Winning Wind Energy Project Financing

LPO's largest operating energy project, Shepherds Flat, entered the portfolio in December 2010 by way of a \$1.3 billion partial loan guarantee under the Financial Institution Partnership Program. Now one of the largest wind farms in the world, this 845 MW power generation project in eastern Oregon reached full commercial operations in November 2012.

At a time when only one large wind deal had been done in the bond market, LPO's partial guarantee helped boost the project's credit rating and attract new investors in multiple markets. The deal received numerous awards including 2010 Deal of the Year from Energy Risk Magazine, 2011 Renewable Energy Deal of the Year from Environmental Finance, and a nomination for Deal of the Decade from Infrastructure Magazine. The debt was funded by 26 institutional investors and commercial banks led by Citi, Bank of Tokyo-Mitsubishi UFJ, RBS Securities and WestLB Securities.

## Contact Us & Learn More

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Learn more about LPO & the Title 17 Innovative Energy Loan Guarantee Program at: [energy.gov/LPO](http://energy.gov/LPO)