



TITLE 17 CLEAN ENERGY FINANCING PROGRAM

Innovative Energy & Innovative Supply Chain

Financing for projects that:



Deploy innovative clean energy technologies at commercial scale
(Innovative Energy) or



Employ innovative manufacturing processes or manufacture innovative technologies at commercial scale
(Innovative Supply Chain)

About the office: The U.S. Department of Energy Loan Programs Office (LPO) offers debt financing for large-scale (typically \$100 million+) energy-related projects in the United States.

Through the Title 17 Clean Energy Financing Program Innovative Energy and Innovative Supply Chain project categories, LPO can support early deployments of high-impact clean energy technologies, helping them commercialize and achieve market acceptance.

Eligibility Requirements

In addition to meeting the common Title 17 eligibility criteria:

Innovative Energy projects must include a new or significantly improved technology applied to one or more of the 13 eligible technology categories.

Innovative Supply Chain projects must manufacture a product with an end-use from one or more of the 13 eligible technology categories, and either:

- Employ a new or significantly improved technology in the manufacturing process of the relevant product, or
- Manufacture a product that is itself an eligible and new or significantly improved technology.

New or Significantly Improved Technology

A technology concerning the production, storage, consumption, or transportation of energy that either:














- (i) has only recently been developed, discovered, or learned, or
- (ii) involves a meaningful and important improvement in productivity or value.

The new or significantly improved technology cannot be in general use in the commercial marketplace. That means it cannot have been used in three or more facilities that are in commercial operation in the United States for the same general purpose and used in each facility for a period of at least five years. If regional variation significantly affects the deployment of a technology, it may still be considered innovative if no more than six projects employ the same or similar technology, and no more than two projects that use the same or similar technology are located in the same region in the United States.

See the Guidance for additional information.



Eligible Technologies

-  Renewable energy systems
-  Advanced fossil energy technology
-  Hydrogen fuel cell technology
-  Advanced nuclear energy
-  Carbon capture & sequestration technology
-  Efficient electrical generation, transmission & distribution
-  Efficient end-use technologies
-  Production facilities for the manufacture of fuel-efficient vehicles or parts
-  Pollution control equipment
-  Oil refineries
-  Energy storage technologies
-  Industrial decarbonization technologies
-  Supply of critical minerals

Example Project Areas (non-exhaustive)



Innovative Energy

- Distributed energy resources and distributed demand response (virtual power plant)
- Stationary and/or mobile energy storage
- HVDC transmission
- Advanced nuclear supply chain
- Nuclear uprates or upgrades
- Advanced geothermal
- Carbon capture, utilization, and storage (CCUS)
- Hydrogen production and infrastructure
- Sustainable aviation fuels and biofuels
- Alternative vehicle fuel distribution facilities



Innovative Supply Chain

- Solar supply chain components manufacturing
- Low-carbon cement, steel, or iron production
- Onshore wind components manufacturing
- Advanced nuclear components/materials manufacturing
- Critical minerals or critical minerals alternatives processing, manufacturing, and recycling
- Electric vehicle charging infrastructure manufacturing
- Electric grid components manufacturing

Next steps

1. Read the Program Guidance for more details and application requirements
2. If you have a project that may be eligible, request a no-cost pre-application consultation at: [Energy.gov/LPO/Pre-App](https://www.energy.gov/LPO/Pre-App)

