OFFSHORE WIND:

Senate Action Needed to Protect Offshore Energy & American Manufacturing

AMERICAN OFFSHORE WIND INVESTMENTS AT RISK WITH RECONCILIATION

Federal renewable energy tax credits have unlocked over $200 billion[1] in new U.S. energy and manufacturing investments—supporting high-paying jobs, revitalizing shipyards and ports, and reshoring critical supply chains. Offshore wind plays a central role in this surge, alongside solar, storage, hydrogen, and critical minerals.

However, the House-passed reconciliation bill would significantly roll back the tax incentives that have made this growth possible—threatening billions in planned offshore wind projects, manufacturing plants, and infrastructure buildout.

KEY CREDITS AT RISK

The bill targets three cornerstone tax provisions:

Advanced Manufacturing Production Credit (45X)
Drives domestic production of components for solar, wind, storage, and critical minerals. The House language excludes wind components beginning in 2028 and is scheduled to terminate in 2032.

Production Tax Credit (45Y)
Incentives electricity generated from renewable sources like offshore wind, with long-term support over 10 years. Non-nuclear projects would need to begin construction within 60 days of enactment and be placed in service by December 31, 2028. It begins to phase down in 2029 and ends entirely in 2031.

Investment Tax Credit (45E)
Supports investments in additional power generation (solar, wind, nuclear, storage) and infrastructure like offshore wind ports and interconnection. Non-nuclear projects would need to begin construction within 60 days of enactment and be placed in service by December 31, 2028. Begins a similar phase-down in 2029 before terminating in 2031.

WHY IT MATTERS

- **Puts at further risk the projected $65 billion** in potential offshore[2] wind investments by 2030.
- **Threatens over 14 GW of additional energy capacity**, which can mitigate demand surges from data centers and artificial intelligence.
- **Undermines U.S. shipyards and port infrastructure** preparing to support offshore wind construction.
- **Discourages new domestic factories** for turbine blades, nacelles, monopiles, and high-voltage subsea cable production—key for U.S. energy security.

1. https://www.energy.gov/policy/articles/how-tax-credits-are-driving-clean-energy-growth-two-years-inflation-reduction-act#:~:text=Spurred%20in%20large%20part%20by,Tags:
2. https://cleanpower.org/news/offshore-wind-to-invest-65-billion-and-create-56000jobs-by-2030/#:~:text=Jobs%20by%202030-,NEW%20REPORT:%20Offshore%20Wind%20Momentum%20Grows%20with%20Sector%20to%20Invest,by%20the%20end%20of%202027

AMERICAN LEADERSHIP AND INVESTMENTS AT RISK

Offshore wind is not just about new sources of domestic energy—it's about U.S. energy leadership, industrial revitalization, and job creation. Without smart implementation and timelines aligned with project realities, this bill could delay or derail national goals, including shipbuilding, port infrastructure, manufacturing, and electricity production in the face of rising AI and data center demand.

TOTAL INVESTMENTS & JOBS IN RENEWABLE ENERGY AND TECHNOLOGY [3]

49 States With Facilities

1,116 Facilities

347.3K Announced Jobs

$278.0 Billion Announced Investment

SAMPLE STATES

Alaska
$75 Million in Investment

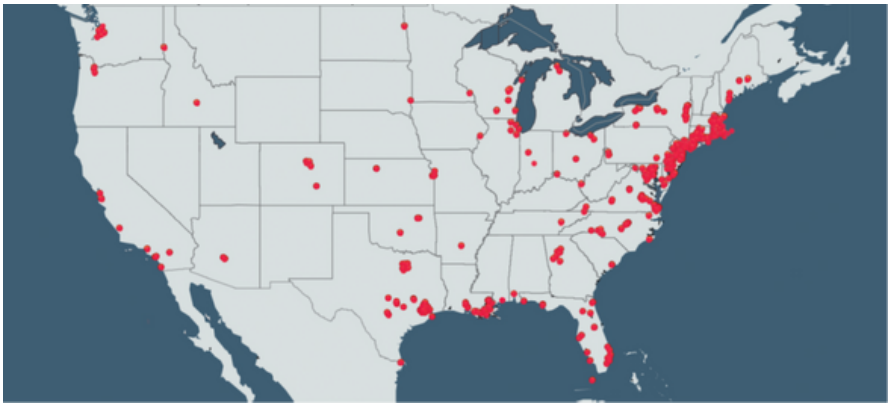
Louisiana
2,000 Jobs
$4.3 Billion in Investment

North Carolina
20,000 Jobs
$23 Billion in Investment

North Dakota
1,100 Jobs
$450 Million in Investment

West Virginia
1,500 Jobs
$916 Million in Investment

OFFSHORE WIND INVESTMENTS



Offshore wind jobs and investments are beneficial across the nation, far onshore from project sites. According to Oceantic, there are nearly **2,000 supply chain contracts** across **40 states**, with more than **$14 billion in investments** in offshore wind [4]. Likewise, the American Clean Power Association has tracked more than **$13 billion in proposed investments** across **manufacturing, ports, and vessels**.[5]

Sample Offshore Wind Investments

State	Project	Investment	Description
Texas	*Charybdis*	$715 million	Turbine Installation Vessel
Louisiana	*ECO Edison*	$97 million	Service Operations Vessel
South Carolina	Nexans	$310 million	Manufacturing expansion for subsea high voltage cables
Kentucky	Nucor Steel	$1.7 billion	Manufacturing the world's first steel plate for offshore wind
Virginia	Portsmouth	$220 million	Port development as offshore wind hub

3. https://cleaneconomytracker.org/
4. https://www.offshorewind.biz/2025/01/20/us-offshore-wind-supply-chain-spans-40-states-report-says/
5. https://cleanpower.org/resources/interactive-map-the-economic-benefits-of-offshore-wind/