

Offshore Wind Works

Delivering Affordable, Reliable Power and American Jobs



Offshore wind is not a future promise. It is a **proven, homegrown energy resource** already delivering **grid reliability, cost stability, energy security, and economic growth** in the United States—especially in coastal regions where demand is rising and options are constrained.

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Reliable Power When It's Needed Most

- Offshore wind performance is **on par with traditional energy sources**.
- U.S. projects are producing power during **winter storms, cold snaps, and peak demand periods**, when wholesale electricity prices are highest and gas supplies are most constrained.
- Offshore wind is especially valuable during **winter evenings and severe weather**, when solar is offline and electricity demand spikes.

Lower Energy Costs & Ratepayer Protection

- Offshore wind uses **long-term, fixed-price contracts** that protect consumers from fuel price volatility.
- These contracts provide **stable, transparent pricing** for 20+ years.
- In the Northeast, offshore wind has already:
 - Reduced wholesale prices during extreme winter events
 - Saved millions of dollars per day during cold snaps
 - Demonstrated long-term savings compared to fossil fuel alternatives
 - Delays and cancellations raise costs—every year without new offshore wind means higher bills for consumers.

Grid Reliability & Energy Security

- Multiple grid operators warn that without offshore wind, **power supply shortfalls and blackout risks increase**.
- Other resources **cannot be built fast enough** to meet near-term demand growth.
- Offshore wind adds **large-scale capacity** where it's needed most, improving resilience and long-term planning.
- Homegrown energy reduces reliance on volatile global fuel markets and strengthens U.S. energy independence.

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Made in America: Jobs & Supply Chain

- Offshore wind has driven **\$25 billion in private investment** across a **40-state supply chain**.
- More than **12,000 Americans** are already working on projects under construction.
- Investments support:
 - U.S. steel manufacturing
 - Shipbuilding and vessel construction
 - Port revitalization
 - Union careers across skilled trades
- The industry is rebuilding critical domestic capabilities that support national industrial priorities.

The Pipeline Is Real—and Ready

- **Five offshore wind projects under construction today** will deliver **5.8 GW of power by 2027**, enough for **2.5 million homes**.
- An additional **70 GW** of offshore wind is already leased or permitted in federal waters—ready to support future reliability and affordability.

National Security & Environmental Performance

- Every U.S. offshore wind project has completed rigorous federal review and received **Department of Defense approval**.
- The U.S. military has decades of experience assessing wind projects, and offshore wind has consistently met security requirements.
- Federal agencies have found **no link between offshore wind and whale deaths**.
- Studies and real-world observations show **increased marine biodiversity** around operating wind farms through reef effects.

Offshore wind is delivering **power you can count on, prices consumers can afford, and jobs communities need**—right now. It remains one of the fastest, most scalable tools available to meet rising electricity demand while strengthening American industry and energy security.