

Benefits of Floating Offshore Wind & How it Works

Floating offshore wind has the potential to unlock significant benefits for California's energy grid, communities, and economy.

- According to the U.S. Department of Energy, approximately two-thirds of U.S.'s vast offshore wind energy potential exists in waters too deep for fixed foundation wind turbines. Floating offshore wind technology **expands our ability to access clean, reliable energy from deep ocean waters out in the Pacific.**
- As the 5th largest economy in the world and home to one of the longest coastlines in the U.S., California has an opportunity to become a global leader in floating offshore wind technology. Harnessing the potential of this new industry will bring **thousands of skilled, family-sustaining jobs** and **billions in economic development** to the Golden State.
- Offshore wind is one of the most efficient power producing technologies, reducing the need for conventional energy sources. **Energy generated from offshore wind is produced consistently in the evening and at night when wind speeds are the highest** – all times when the California grid can be most stressed.
- One offshore wind project can **offset millions of tons of carbon emissions each year.** This will support cleaner air and healthier coastal communities.

How does it work?

