

# About Canopy Offshore Wind Farm



## Canopy 101

**20 miles** off the coast of Humboldt

Up to **1.6 GW** of clean energy

**Renewable electricity for 600,000+** California homes

In December 2022, RWE secured a lease area off the coast of Humboldt County with the goal of developing, constructing and operating one of the nation's first floating offshore wind projects, Canopy Offshore Wind Farm (Canopy).

Canopy's construction isn't planned to begin until the 2030s, but the team is already on the ground — building the relationships and having the conversations needed to bring clean energy and economic opportunity to the Humboldt community and California.



## How Does Floating Offshore Wind Work?

Floating wind generates renewable energy from the wind out at sea, using similar technology to conventional offshore wind turbines. Turbines float on the ocean surface, secured to the ocean floor with anchors and mooring lines, and electricity is transmitted to shore via subsea cables.

**Canopy will use floating offshore wind technology to harness the powerful, consistent winds above the deep waters off Humboldt's coast.**

## What Are the Benefits of Floating Offshore Wind?

As California expands its renewable energy portfolio, offshore wind presents an unparalleled opportunity to generate reliable, predictable, clean power while fostering investment in Humboldt County. Offshore wind represents:



**Reliable & Efficient Energy:** Offshore wind is a reliable, efficient and high-capacity source of electricity. It generates clean power that complements other renewables by ramping up even when solar is less available during evenings and winter. This enhances grid stability and reduces California's reliance on fossil fuels.



**Skilled, Good-Paying Jobs:** Sustainable, good-paying jobs will be created during project construction and long-term maintenance.



**Investments in Communities:** Offshore wind development in California has the potential to generate significant investments and long-term economic development opportunities for communities.



# Our Commitment to Tribal & Community Engagement

The Canopy team knows that a proactive, collaborative approach is what ensures projects are safe, sustainable and generate positive benefits for the region. Developing projects of this scale is a long process that requires engagement with the community every step of the way, which is why our team meets frequently with Tribal nations, fisheries, labor unions, suppliers, local government officials, and community organizations to provide project updates and hear feedback.

## Canopy's Community Investments

As active members of the Humboldt community, the Canopy team is committed to forging long-term relationships and has invested in supporting our community partners. In 2024, Canopy invested **over \$200,000 in programs and partnerships** that address:

- Local Business & Education Initiatives
- Food Security & Community Health
- Environment & Sustainability
- Workforce Development



## What's the Plan?

Canopy is a long-term project, involving all levels of government and incorporating continuous public input and Tribal consultation every step of the way. In 2024, Canopy began its offshore survey efforts to gather data to ensure the final project's design minimizes impact on ecosystems while delivering clean energy and economic opportunity.

## Project Timeline

- 2023-early 2030s: Planning (Site Investigation, Permitting, Community Outreach)
- Early-mid 2030s: Construction
- Mid-2030s: Operation Begins



## About RWE

A global leader in offshore wind, RWE is a proven partner that's ready to help California chart a course for this emerging, vital industry. RWE brings its wealth of experience in global offshore wind project development across the entire value chain, from project conception to construction and operation. The unparalleled experience the company has earned over the last 20 years has resulted in **19 successful offshore wind projects. Now one of the leading offshore wind developers in the US**, RWE's portfolio includes 6 GW of seabed including Community Offshore Wind off the coasts of New York and New Jersey. RWE's team includes approximately 2,000 U.S. employees, with 75 in California.

### Get in Touch & Learn More

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