

# Offshore Wind Creates Jobs & Economic Growth



As a critical part of California's long-term, renewable energy portfolio, offshore wind can transform and create thousands of good-paying, skilled jobs to propel economic growth.

## Expanding a California Industry

Offshore wind is expected to generate thousands of permanent industry jobs in project development, installation, operations, maintenance, manufacturing, and more. Offshore wind will also require a new supply chain of specialized California businesses. Leaseholder agreements include funding for local, inclusive offshore wind workforce training for diverse workers, as well as initiatives for entrepreneurs to establish companies to support the supply chain.

## Creating Additional Jobs

Upgrading and expanding port infrastructure is vital to the manufacturing and deployment of offshore wind. The initial offshore wind leases are already stimulating investment in

offshore wind terminal planning at ports in Long Beach and Humboldt Bay. Offshore wind is projected to create several thousand jobs in planning, construction, and management of offshore wind port terminals. Additional service jobs will be necessary to support the growing offshore wind industry and its employees.



## Workforce Development

Operating offshore wind systems require thousands of union-represented jobs in manufacturing, installation, and maintenance of turbines and infrastructure. These trades offer training and apprenticeship to provide workers with the knowledge and skills they need to be successful in offshore wind careers.

The current five leaseholders are planning with local universities, such as Cal Poly San Luis Obispo and Cal Poly Humboldt, to develop local offshore wind workforce training programs, empowering more local residents to establish careers in their hometowns.



## Offshore Wind Makes Sense

The California State Lands Commission projects **8,000 new jobs** will be created to support construction of offshore wind projects over the next two decades.<sup>1</sup>

Consistent, reliable offshore wind has the potential to **equitably reduce the share of income Californians spend on energy expenses**. And no one pays for offshore wind until projects come online and begin delivering power to homes and businesses.

California offshore wind leases with the federal government allocate **\$117 million** to local offshore wind workforce training and initiatives to a California offshore wind supply chain.

<sup>1</sup> California State Lands Commission AB 525 Workforce Development Readiness Plan [https://slcprdwordpressstorage.blob.core.windows.net/wordpressdata/2023/07/AB525-Workforce-Readiness-Plan\\_acc.pdf](https://slcprdwordpressstorage.blob.core.windows.net/wordpressdata/2023/07/AB525-Workforce-Readiness-Plan_acc.pdf). Reflects a scale of 25 GW of offshore wind in California and peak year job requirements in 2040.