

# NEW JERSEY IS A NATIONAL LEADER ON OFFSHORE WIND



Offshore wind has the potential to become the most abundant energy source nationwide and a vital part of the global fight against climate change. New Jersey is advancing offshore wind with over 3.7 gigawatts already under contract and a goal of 11GW by 2040, second only to New York.

Proposed projects such as Ocean Wind and Atlantic Shores are part of the transition to a new clean energy industry that will drive enormous economic prosperity, protect the health of our communities, and preserve our planet by putting people to work, reducing reliance on fossil fuels and combating climate change.



## ENERGY

Atlantic states account for nearly **one-third** of the total U.S. population and nearly 30% of U.S. energy consumption.

Nationally, offshore wind has the capacity to produce double the amount of electricity that the U.S. consumed in 2019 and 90% of 2050 projections if we electrify our buildings, transportation system and industry.

## OFFSHORE WIND

### BY 2030

- CREATE 83,000 JOBS
- GENERATE \$25 BILLION IN ANNUAL ECONOMIC ACTIVITY

### BY 2045

- CREATE 10,000 DIRECT, INDIRECT, AND INDUCED JOBS IN NJ



## ECONOMY & LABOR

The offshore wind industry is the biggest job creator across America's energy sector.

Maximum job creation will result from a U.S. offshore wind *supply chain* which has the potential to create an **additional** 30,000-40,000 jobs by 2030, according to the National Renewable Energy Laboratory.

For more information, or to take action, please visit [www.offshorewindnj.org](http://www.offshorewindnj.org)



## WILDLIFE & ECOSYSTEMS

**Climate change is the greatest existing threat to wildlife:** 1 million animal and plant species globally are threatened with extinction due to a rapidly changing environment. Offshore wind will protect wildlife by reducing fossil fuel reliance.

With proper planning and permitting, offshore wind projects can be installed to minimize impacts and create **benefits** for wildlife and ecosystems.

In the Mid-Atlantic, developers, environmental organizations, federal and state governments are partnering to share important data and information on potential environmental impact.

## NJ AND NY:

**ALL OFFSHORE WIND BIDDERS MUST INCLUDE \$10,000 PER MW FOR WILDLIFE RESEARCH AND MONITORING.**

## OFFSHORE WIND RESEARCH INITIATIVE



**INITIAL \$3 MILLION OF FUNDING FOR NJ WILDLIFE STUDIES**



## CLIMATE CHANGE & COMMUNITY HEALTH

Fossil fuel production and combustion are the leading cause of climate change that directly impacts human health. Burning oil, gas, and coal releases pollutants leading to early death, heart attacks, respiratory disorders, stroke, and exacerbation of asthma.

According to the American Lung Association, NJ received poor air quality grades in 2019 and 2020, largely due to factories, refineries and other industrial facilities that release millions of pounds of pollutants into the air.

Power plants are often located in communities of color, a direct result of racism and white supremacy. Air pollution is especially problematic for children. Disproportionately, children living in families who are low-income, of color, or both, have higher rates of asthma and pulmonary and cardiac disorders than children in more affluent communities.

With offshore wind farms, New Jersey will transition to clean and renewable wind energy, drastically reducing emissions and cleaning air in communities most affected by pollution as more polluting facilities close.

With seas rising at a rapid pace, Jersey Shore communities are in jeopardy of being directly impacted by sea level rise, stronger storms and other climate impacts. Studies demonstrate that if we continue on the "business-as-usual" path, much of the Jersey coastline will be underwater by 2100.

Today, New Jersey is already at risk of regular flooding after heavy rains and other extreme weather events brought about by climate change, so much so that the NJ Department of Environmental Protection is spending millions to mitigate localized flooding in cities and towns across the state.

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# ACTIVE OFFSHORE WIND PROJECTS IN NEW JERSEY AND NEW YORK



## PARTNERS



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