



Oceania Communications Wind Power Base Station Company

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Could an offshore transmission backbone support offshore wind development?

An offshore transmission backbone could support offshore wind development and the East Coast's energy needs for generations to come. This article was updated July 31, 2024, to clarify that the states formalized the memorandum of understanding. A big roadblock to offshore wind power is getting approval for onshore transmission lines.

How does power get from an offshore wind turbine to a substation?

Graphic showing how power gets from an offshore wind turbine to the offshore substation. The jacket foundation secures the tower and above-water turbine components to the sea floor. Array cables link the wind turbines together and deliver power from the turbines to the offshore substation.

How much wind power will the Northeast states collaborative support?

The plans envision it supporting at least 85 gigawatts of offshore wind power by 2050 - close to the U.S. goal of 110 GW of installed wind power by mid-century, enough to power 40 million homes and up from 0.2 GW today. The Northeast States Collaborative formalized their goals in July 2024 through a multistate memorandum of understanding.

Explore offshore wind policies, projects, and lease areas in the United States using the interactive map below. Click on a state, project icon, or lease area to learn more.

Offshore wind power offers more environmental benefits and fewer impacts than traditional fossil fuels. Offshore wind power is located near ...

To capture the powerful energy of Earth's tides, Oceana engineers began with nature. Following first principles, our adaptive architecture follows ...

The energy company has proposed constructing a switching station on NAS Oceana's land parcel as part of their larger CVOW ...

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There are currently four offshore wind projects operating in the U.S., but one - Vineyard Wind 1 - was shut for part of 2024 after a blade ...

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