



Recently commissioned wind power generation projects

Will 2023 be the best year for new wind projects?

(AP Photo/Ashley Landis,File) The world installed 117 gigawatts of new wind power capacity in 2023, a 50% increase from the year before, making it the best year for new wind projects on record, according to a new report by the industry's trade association.

What is our offshore wind power portfolio?

Our offshore wind power portfolio features 11 gigawatts (GW) of projects that are currently under development, under construction or in production. 75% of our portfolio corresponds to fixed-bottom offshore wind power projects, while the remaining 25% relates to floating offshore wind power projects.

How will the Department evolve its approach to offshore wind?

The Department has also taken steps to evolve its approach to offshore wind to drive towards union-built projects and a domestic-based supply chain. The Sunrise Wind project will have a total capacity of 924-megawatt (MW) of clean, renewable energy that BOEM estimates could power more than 320,000 homes per year.

Will the US build a specialised wind turbine installation vessel?

The U.S. is yet to build a specialised wind turbine installation vessel (WTIV) and to comply with federal laws, Vineyard Wind had to use barges to transport equipment from New Bedford, Massachusetts to foreign flagged installation vessels anchored offshore.

What percentage of our portfolio is a floating wind power project?

75% of our portfolio corresponds to fixed-bottom offshore wind power projects, while the remaining 25% relates to floating offshore wind power projects. Erebus, a pioneering floating wind power project in the United Kingdom, was launched in the Celtic Sea (Wales) in March 2020 with a production capacity of 96 MW.

When will the New York Bight wind power project start?

Production is expected to start in 2030. The New York Bight fixed-bottom offshore wind power project off the New York and New Jersey coast was launched in February 2022 in partnership with EnBW. Featuring a production capacity of 3 GW, it is TotalEnergies' largest renewable energy project to date.

3 · Hollandse Kust Zuid, Borssele, Hornsea projects, Qingzhou are the 5 largest wind energy projects in the world. The global wind industry installed 10.8 GW of new offshore wind capacity in 2023. This increased the global total to ...



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