

# The wind turbine blade is broken

What happened to a wind turbine blade?

It's all come crashing down since. Over the weekend, one of the blades on the offshore wind energy company's turbines broke -- spilling white and green fiberglass debris into the ocean. On Thursday, a large chunk of the blade separated from the turbine and tumbled into the water.

Why did a blade from a vineyard wind turbine break into pieces?

It's unclear why a blade from one of the Vineyard Wind turbines broke into pieces, which are washing up on Nantucket beaches. Workers moved turbine blades for the Vineyard Wind offshore facility at the New Bedford Marine Commerce Terminal in Massachusetts last year. Bob O'Connor for The New York Times

What happened to Vineyard Wind's turbine blades?

The failure of one of Vineyard Wind's turbine blades has shut down the ambitious offshore energy project and littered Nantucket's beaches with debris. But what do we know so far regarding the cause of the failure? Vineyard Wind first disclosed the incident at 3:41 p.m. on Monday with an email announcement regarding an "offshore incident."

Did GE Vernova break a wind turbine blade?

Link Copied! Giant wind turbine blades for the Vineyard Winds project are stacked on racks in New Bedford, Massachusetts. The massive offshore wind turbine blade that broke and spread fiberglass and foam debris across Nantucket beaches this week was one of several recent failures of blades made by GE Vernova - a top US wind turbine manufacturer.

Did a wind turbine break off?

The turbine appeared to have broken off about 60ft (18m) from its base. The tower had snapped in two and the blades were crushed in the fall. Dawn Walters, from Gilfach Goch, lives high up on the mountain side and can see the wind turbines from her house. "I woke at six in the morning and just heard a funny noise, like a motor," she said.

How many turbine blades are broken?

The total number of broken turbine blades has been relatively low compared to the large number of blades manufactured each year. Wind farm developers ordered around 20,000 turbines - each with several individual blades - in 2023. "If we consider that for scale, then the failure rate remains low," Mukherjee said.

There will eventually be a total of 62 turbines constructed in the Vineyard Wind 1 lease area, and as of mid-July, 19 had been completed, with 10 operational. It's unclear if the ...

Debris from a broken offshore wind turbine has for days been washing up on the Nantucket shore, prompting beach closures and frustrating locals at the peak of the summer season.. The massive ...

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This post will follow the wind turbine blade from "cradle-to-grave," then explore solutions for a more responsible, sustainable life cycle. To learn about the current lifecycle and a more sustainable solution for the rare ...

A Vineyard Wind turbine blade broke over the weekend, scattering debris into the Atlantic and prompting an investigation by the manufacturer and federal officials. The offshore wind energy company, which ...

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Jim Boyd's heart sank the first time he saw the now-infamous image of a fractured wind turbine blade dangling above the Atlantic Ocean. ... On Aug. 25, a dozen commercial and recreational fishermen staged a protest ...

The failure of one of Vineyard Wind's turbine blades has shut down the ambitious offshore energy project and littered Nantucket's beaches with debris. But what do we know so far regarding the cause of the failure?

After a wind turbine blade broke off and fell into the Atlantic Ocean on July 13, the chorus of concerns over the offshore wind industry has grown. HOME; NEWS. ... On Aug. 25, ...

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