



# The wind turbine blades are broken

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 turbine blade?

The massive turbine blade - as long as a football field - was part of the Vineyard Wind farm off the coast of Massachusetts and its islands, Martha's Vineyard and Nantucket. The blade was "broken" and "folded over" on Saturday, Vineyard Wind CEO Klaus Kropp told Nantucket residents and officials at a public meeting Wednesday night.

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.

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.

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.

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.

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Wind turbine with broken blades. The photo from Bigstock's collection is reproduced according to the Bigstock content usage agreement. In this paper, the mechanisms of degradation and ...

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 ...

Each Vineyard Wind turbine - there were about 22 either entirely constructed or underway before the broken blade - is more than 800 feet tall, on par with the Eiffel Tower. The company previously said once ...

A Vineyard Wind turbine was undergoing testing Saturday when one of its 350-foot blades broke, a company spokesman said Tuesday. The turbine's manufacturer, GE, is conducting a review with federal officials to ...

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, a dozen commercial and recreational ...

In the wake of the July 13 blade break, state officials, conservation groups and the Island's state senator have all said that offshore wind energy needs to continue in a responsible manner, and hoped that the ...

Debris from a damaged wind turbine blade has been washing up on the shores of Nantucket, Mass., prompting the closure of several beaches to swimmers and spurring an investigation into what...

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