

# Wind turbine breaking wind



## Overview

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Storm Gerrit brought winds of up to 85mph on Wednesday. In such conditions, wind turbines feather their blades and brake the rotor.

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### [The fallout from Vineyard Wind's broken turbine blade](#)

Within hours of fiberglass from a broken offshore wind turbine washing ashore on Nantucket, clean energy and anti-wind advocates jumped on the story, and two competing narratives

### **What Causes Wind Turbines To Break**

There are four main reasons behind the downtime of wind turbines: no wind, production issues, dirty or water-contaminated lubrication, improper bearing settings, and significant temperature.



### [Nantucket wind turbine failure was 'highly unusual and rare](#)

Broken wind turbines are "highly unusual and rare," a GE Vernova representative told Nantucket residents and officials on Wednesday. A company spokesperson said in a statement it

### [Claims process underway for damages from broken Vineyard Wind turbine](#)

People who live on Nantucket may now submit damage claims after a giant Vineyard Wind turbine blade broke apart in the water off Nantucket in 2024. A Vineyard Wind turbine nearly as tall as the



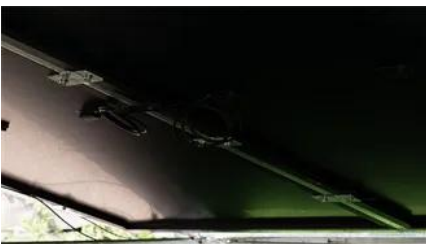
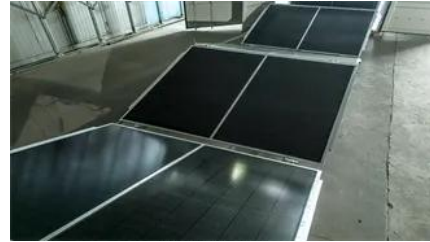


### [Developer of Massachusetts offshore wind farm sues to](#)

The developer of a major Massachusetts offshore wind farm is suing its turbine manufacturer seeking to force it to stay with the project

### [Company says manufacturing problem was behind wind turbine blade](#)

The maker of a massive wind turbine blade that broke apart off Nantucket Island says a manufacturing problem was responsible.



### **What happens when wind turbines break?**

On July 13, 2024, the Vineyard Wind 1 offshore wind farm located in Massachusetts had a 350-foot turbine blade snap (1), releasing debris into the ocean. The debris, which was composed

### [Developer of Massachusetts offshore wind farm sues to stop turbine](#)

Developer of Massachusetts offshore wind farm sues to stop turbine manufacturer from walking away Fiberglass fragments of a blade broke apart and began washing onto Nantucket



### [Wind turbine spins out of control and flies apart](#)

In such conditions, wind turbines feather their blades and brake the rotor. The brakes seem to have failed in a turbine at Newhouse Farm, Auchencloigh, in Ayrshire, which spun out of

[Stunning video from Cape Cod shows a broken wind turbine after one](#)

Stunning video from Cape Cod shows a broken wind turbine after one of the blades became detached on Friday afternoon.



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