

# Northeast wind turbine blades fall off

Why did a 71-metre-long wind turbine blade collapse?

The collapse of the 71-metre-long (232 ft) wind turbine blade comes at a time when nearly half of the machines at the site are not working amid an ongoing process conducted by turbine maker Siemens Gamesa for the repair of previously identified manufacturing defects. Fifteen out of the 34 turbines were stopped in March.

Are giant wind turbines falling over?

Giant Wind Turbines Keep Mysteriously Falling Over. This Shouldn't Be Happening. The taller the turbine, the more epic the tumble. Turbine failures are on the uptick across the world, sometimes with blades falling off or even full turbine collapses. A recent report says production issues may be to blame for the mysterious increase in failures.

Do wind turbine blades come off?

In the same way that you don't usually think about wind turbine fires, you probably don't think about wind turbine blades coming loose and flying off, either, but they do. As the recent storms rolled through Oklahoma, the blade shown above came off and hit a daycare center a quarter mile away. Corrected - see below.

Did a turbine blade fail at Dogger Bank offshore wind farm?

A turbine blade failed at the Dogger Bank offshore wind farm on Thursday morning. Dogger Bank offshore wind farm.

Did a Siemens wind turbine blade come off during a storm?

Well, just a few weeks earlier, in mid May, a Siemens model B53 wind turbine blade came off at the Ocotillo wind turbine farm east of San Diego. The blade was 173 feet long and it didn't happen during a storm, it just came off during the night. This is a new installation, just 6 months from brand new, not an old worn out turbine.

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 Skoust told Nantucket residents and officials at a public meeting Wednesday night.

And these jumbo-sized turbines have only recently been installed in just two locations in the world within the last year - at Vineyard Wind off Nantucket, and the Dogger Bank Wind Farm off the northeast coast of England. The Haliade-X turbine blades - which are supposed to have at least a 25-year lifespan - have suffered failures in both locations.

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The incident was reported at the Dogger Bank A project, located more than 130 km off the northeast coast of England, according to a statement from the project authorities. GE Vernova said no injuries were reported and that it was investigating the blade failure, without giving details. The company faced a similar incident at the wind farm in May that was ...

A closer look at the broken wind turbine blade. Courtesy Nantucket Current, Jason Graziadei. UPDATE FRIDAY 11:45 a.m.: A large piece of fiberglass debris from the damaged Vineyard Wind turbine blade has sunk to the ocean floor, as the debris cleanup continues, according to press release from the town of Nantucket that's timestamped for 9:10 ...

A massive section of a damaged 350-foot turbine blade from a wind farm off the coast of Nantucket that detached Thursday morning has sunk to the ocean floor, town officials said Friday.. The large ...

Vineyard Wind has sought to expand its operation to include 62 turbines. When complete, the project could provide enough energy to power more than 400,000 homes, according to Vineyard Wind's ...

Parts of the blade, which is more than 100 meters (109 yards) long, began to fall into the ocean July 13 at the Vineyard Wind project and crews in boats and on beaches have been collecting ...

Rich Delaney, the executive director of the Center for Coastal Studies in Provincetown, hoped to never see another turbine blade fall into the ocean, but didn't think this was the time to abandon the industry. In his eyes, offshore wind energy at a large scale is critical and one of the major ways Massachusetts can battle climate change.

But Vineyard Wind Senior Manager of Labor Relations and Workforce Development, roughly 1.5 hours after Moeller left, said the integrity of the remaining blade had been compromised and warned the ...

Township officials should look at these photos and think about what would happen if one of those blades broke free from a 500 foot wind turbine in North East and hit someone's house or car or the people nearby. Are they ...

A blade fell off a nearly 500-foot-tall wind turbine in Gloucester on Sunday morning, forcing the closure of an adjacent road, officials said. Gloucester firefighters responded to a report that one of the three blades on a 492-foot-tall turbine had

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.

1 ?&#0183; The Gulliver wind turbine at Ness Point has seen a major overhaul being carried out by renewable energy company Thrive Renewables. However, some people have noticed the new ...



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How Wind Blades Work. Wind turbine blades transform the wind's kinetic energy into rotational energy, which is then used to produce power. The fundamental mechanics of wind turbines is straightforward: as the wind moves across the surface of the blade, it causes a difference in air pressure, with reduced pressure on the side facing the wind and greater ...

-- Three events Wednesday highlighted the uneven progress of the offshore wind industry in the Northeast, including the start of a major project in New York, research aimed at preventing ...

Wind turbine blades, which are made from fiberglass, wood, foam and carbon fiber, must endure all manner of harsh weather and constant wear and tear, according to Mukherjee. Adding to that, most of the big turbines and blades on the market are relatively new designs, meaning "occasional failures are inevitable as the industry climbs the ...

Turbine failures are on the uptick across the world, sometimes with blades falling off or even full turbine collapses. ... The taller the wind turbine, the harder they fall. And they sure are falling.

300-foot piece of debris from broken wind turbine falls into sea off Nantucket 00:34. NANTUCKET - The rest of a giant broken Vineyard Wind turbine blade fell into the sea off Nantucket ...

Blades of a wind turbine totaling 100 tons fell off 140 meters and broke into pieces in the Mekong Delta province of Bac Lieu on Friday. Residents of Hoa Binh District heard a loud noise at around 5 p.m. Friday and saw wing blades at Hoa Binh Wind Power No. 5 fell to the ground. No person was injured.

The collapse of the 71-metre-long (232 ft) wind turbine blade comes at a time when nearly half of the machines at the site are not working amid an ongoing process conducted by turbine maker Siemens Gamesa for the ...

A massive blade fell off of a 400-foot wind turbine in Gloucester, Massachusetts, on Sunday, causing the area surrounding the structure to be shutdown indefinitely. The Gloucester Fire Department and Gloucester Mayor Greg Verga confirmed Sunday that a roughly 160-foot blade had fallen from the turbine at Applied Materials on Dory Road in the Blackburn ...

A 160-foot blade fell off the wind turbine located on the ... and also the tallest -- 492 feet when measured from its base to the top of a fully outstretched blade -- in the Northeast at the ...

Turbine failures are on the uptick across the world, sometimes with blades falling off or even full turbine collapses. A recent report says production issues may be to blame for the mysterious...

NANTUCKET, Mass. (AP) -- The maker of a massive wind turbine blade that broke apart off Nantucket Island and washed up on the beaches says a manufacturing problem was responsible. GE Vernova CEO ...

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It could also be a blow to the nascent industry that has been setting its roots off the Vineyard and beyond in New England, but was already facing headwinds in a turbulent economy.. The Vineyard Wind incident started unfolding on Saturday, July 13. At around 7 p.m., the blade bent over about 20 meters from its base.

The giant blades of a 34-metre wind turbine broke off and flew through the air during Storm Gerritt. Dramatic footage of the incident also revealed large parts of the fibreglass structure were left embedded in the ground due to the force of winds during Storm Gerrit in Galston, Ayrshire.

Shortly after the meeting, Vineyard Wind said more debris from the damaged blade is falling into the ocean, and what is left may soon fall, too. "While part of the blade remains attached to the ...

A turbine blade failed at an offshore wind farm near England's northeast coast, the latest in a string of similar accidents that has damaged public acceptance of the struggling industry. ... The failure occurred Thursday morning on an installed GE Vernova turbine at the Dogger Bank wind farm off the northeast coast of England, according to a ...

GE Vernova Inc. shares slumped almost 7% on Friday after one of its turbine blades failed at an offshore wind farm near England, the latest in a string of accidents involving its equipment that ...

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