

# How long are the blades of a wind power station

Source: <https://www.esafet.co.za/Tue-15-Jan-2019-7416.html>

Title: How long are the blades of a wind power station

Generated on: 2026-03-22 12:45:59

Copyright (C) 2026 ESAFETY SOLAR CONTAINER. All rights reserved.

---

What is the practical maximum length for onshore wind turbine blades today? Most OEMs cap onshore blades around 85 m because of transport limits, though segmented solutions can ...

Forty years ago, wind turbine blades were only 26 feet long and made of fiberglass and resin [3]. Today, blades can be 351 feet, longer than the height of the Statue of Liberty, and produce ...

Wind energy has undergone a massive transformation, represented by the colossal blades propelling turbines into the future of renewable power. ...

The blades on a 2 MW wind turbine typically range from 40 to 60 meters long. Their size helps capture wind energy efficiently, maximizing power output by increasing the rotor's swept area ...

Modern onshore wind turbines typically have blades ranging between 40 and 70 meters in length. Offshore turbines, often built at a grander scale, can exceed 80 meters per blade. To put that in ...

Wind turbine blades range from under 1 meter to 107 meters (under 3 to 351 feet) long. For example, the world's largest turbine, GE's Haliade-X offshore wind turbine, has blades up to (107 ...

According to The United States Department of Energy, most modern land-based wind turbines have blades of over 170 feet (52 meters). This means that their total rotor diameter is longer ...

The length of wind turbine blades varies considerably, depending on whether they are intended for onshore or offshore installations and their power capacity. Modern onshore wind ...

Website: <https://www.esafet.co.za>

