

# Requirements for wind turbines to be located away from residential buildings

This PDF is generated from: <https://www.moritz-kenk.eu/Mon-05-Jul-2021-7604.html>

Title: Requirements for wind turbines to be located away from residential buildings

Generated on: 2026-05-09 05:10:28

Copyright (C) 2026 KENK EU. All rights reserved.

For the latest updates and more information, visit our website: <https://www.moritz-kenk.eu>

---

A distance not less than 1.5 times the tip height of the wind energy generating unit as measured from any and all public roadways or aboveground power lines in the vicinity of said unit, to the base of ...

The 2019 Draft Wind Energy Development Guidelines propose a mandatory minimum distance of 500 meters between a wind turbine and the nearest residential property.

The purpose of setback distance is to balance between the need for wind energy and the annoyance that wind turbines might create within adjacent settlements. Our model reveals that in the ...

This is based on all the ordinance data the Center has collected for fixed dwelling setbacks of wind turbines from Iowa (n=55), Ne-braska (n=40), South Dakota (n=29), and Minnesota (n=28).

Larger wind turbines up to 100 metres high should be at least a mile away, and the largest--those above 100 metres--should be at least one and a half miles from any home.

A setback distance is the minimum allowable distance between a wind turbine and a designated area of concern, which may include property lines, inhabited structures (such as homes or office buildings), ...

Get ready to navigate the crucial regulations and permits for installing a wind turbine--discover what you need to ensure compliance.

It would bar any wind farm within that distance of anyone else's property without that person's consent. And they would have to be at least 12 miles from any property zoned for residential ...

Some municipalities restrict turbines to rural or agricultural zones, while others permit them in residential areas with conditions. You'll also need to comply with setback requirements, ...

## Requirements for wind turbines to be located away from residential buildings

Recently, we discovered an excellent research article written by three aerospace engineers: A method for defining wind turbine setback standards, published in the journal Wind Energy.

Web: <https://www.moritz-kenk.eu>

