

Solar energy on-site wind power is not allowed





Overview

Are solar photovoltaic ordinances based on rules for wind?

Solar photovoltaic (PV) systems are typically not tall or loud, so the large number of ordinances that impose limits in those areas probably indicate that many jurisdictions are crafting their ordinances based on rules for wind.

Why do some states have solar ordinances?

For example, North Carolina has a large number of solar installations 24, and also has a high density of counties with solar ordinances. The correlation in wind and solar ordinances can also explain why states like Florida, which have active solar development markets but no utility-scale wind, have wind ordinances.

How many wind energy projects are on public lands?

As of March 2020, 40 wind energy projects have been approved on public lands, with a total installed capacity of 5,600 megawatts, enough to power 1 million homes. Public lands, which may be owned by the state or county, operate under their own jurisdictional review and approval processes.

How many wind and solar ordinances are there in 2022?

We identify over 1,800 ordinances for wind and more than 800 ordinances for solar in 2022. To understand the impact of ordinances on anticipated land availability, we use spatial modelling on the setbacks specified in the ordinances.



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Site Considerations , US EPA

Oct 20, 2025 · Favorable solar sites have access to existing electrical infrastructure, southern exposure to direct sunlight, minimal shading, easy access to the physical project site, and site ...

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