



U.S. Wind Turbine Market

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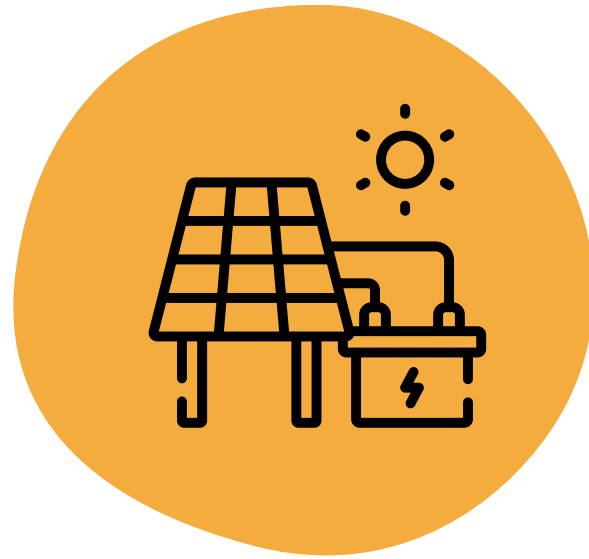
Maged Aljashoobi

Hussain Hubail

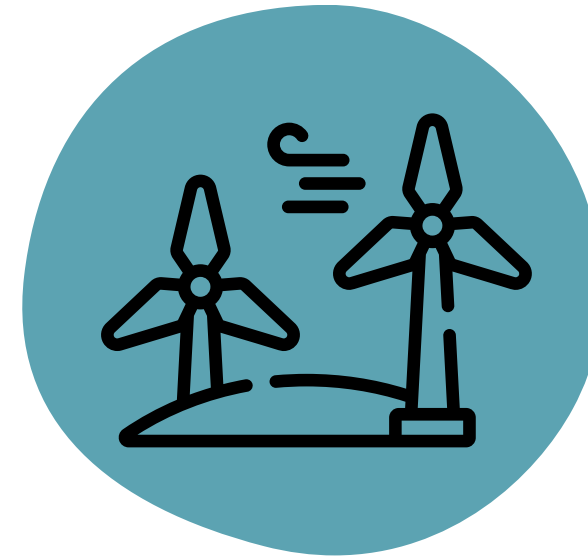
Our investor



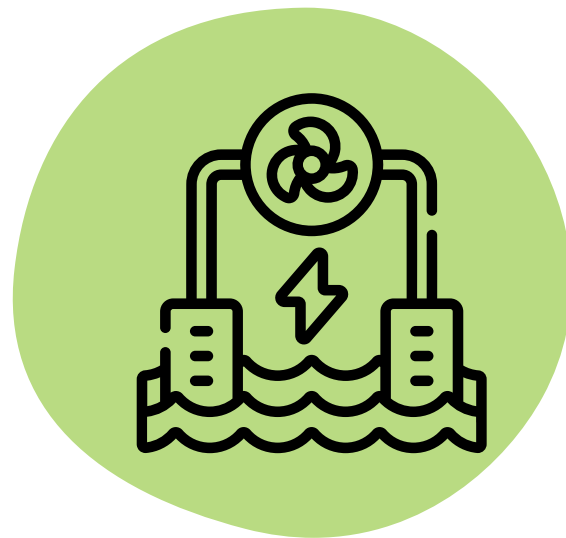
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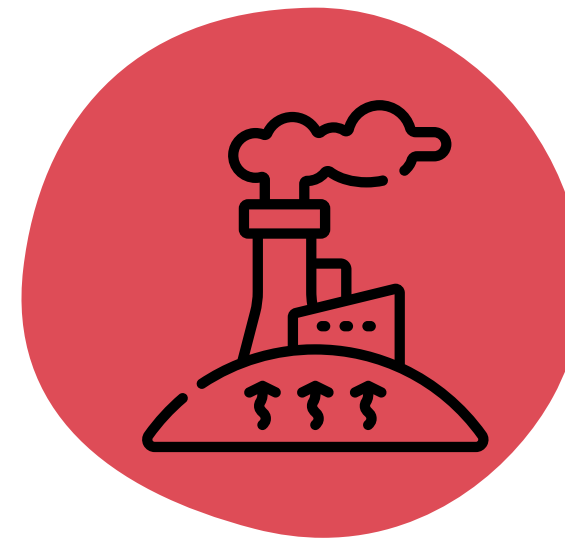
Introduction



Energy Markets



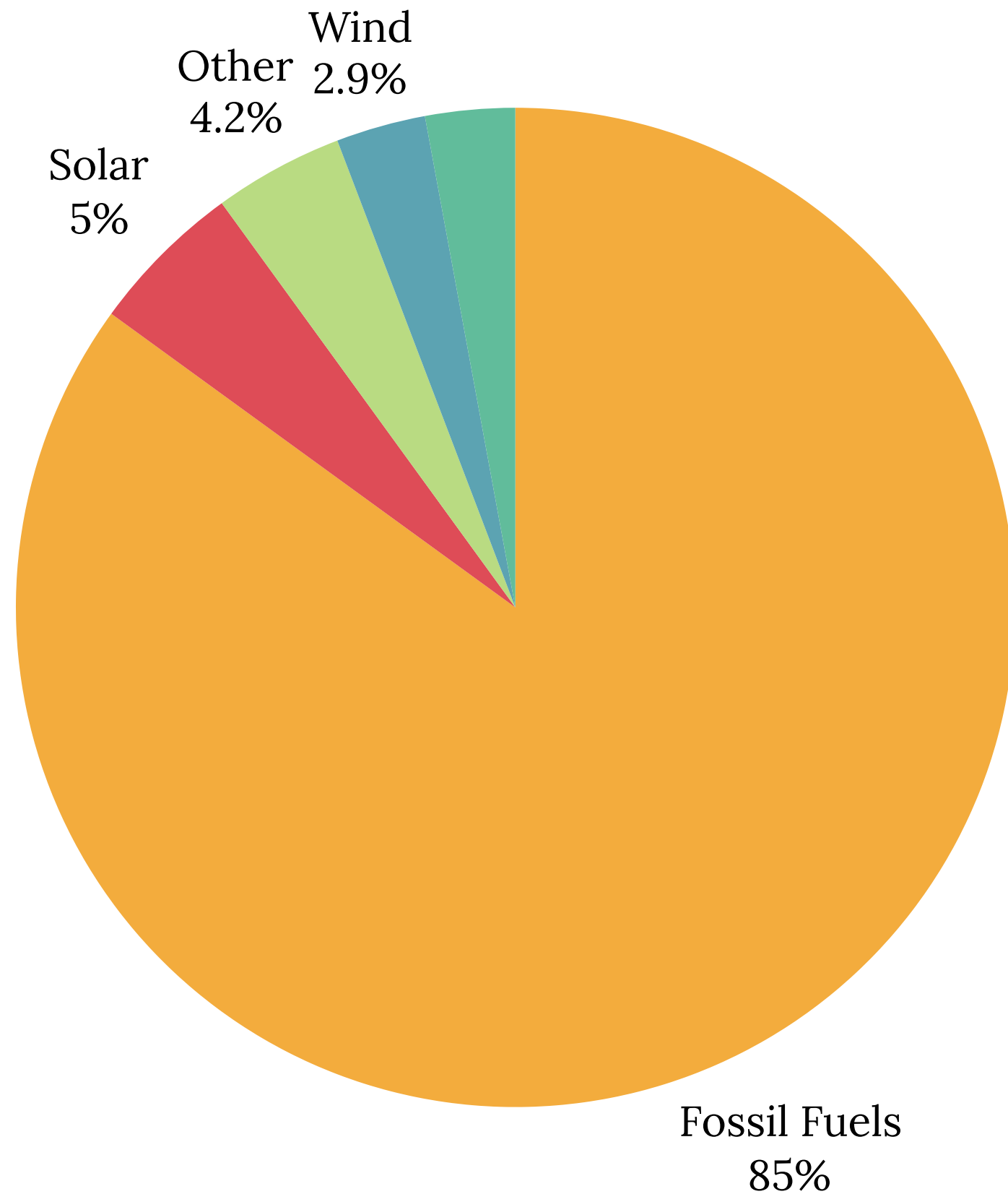
US Energy Market



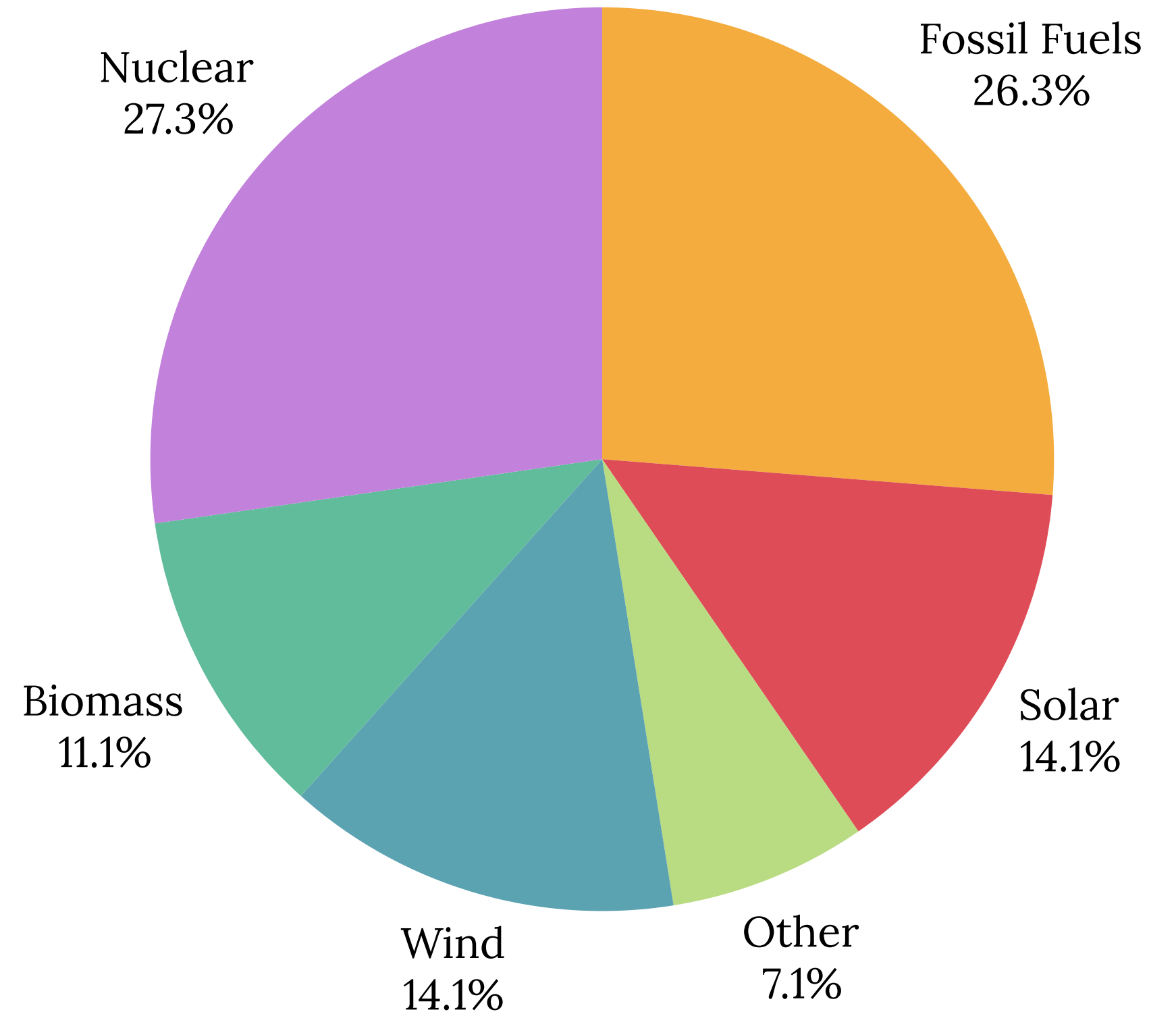
Recommendations

Global trends in 2050-power

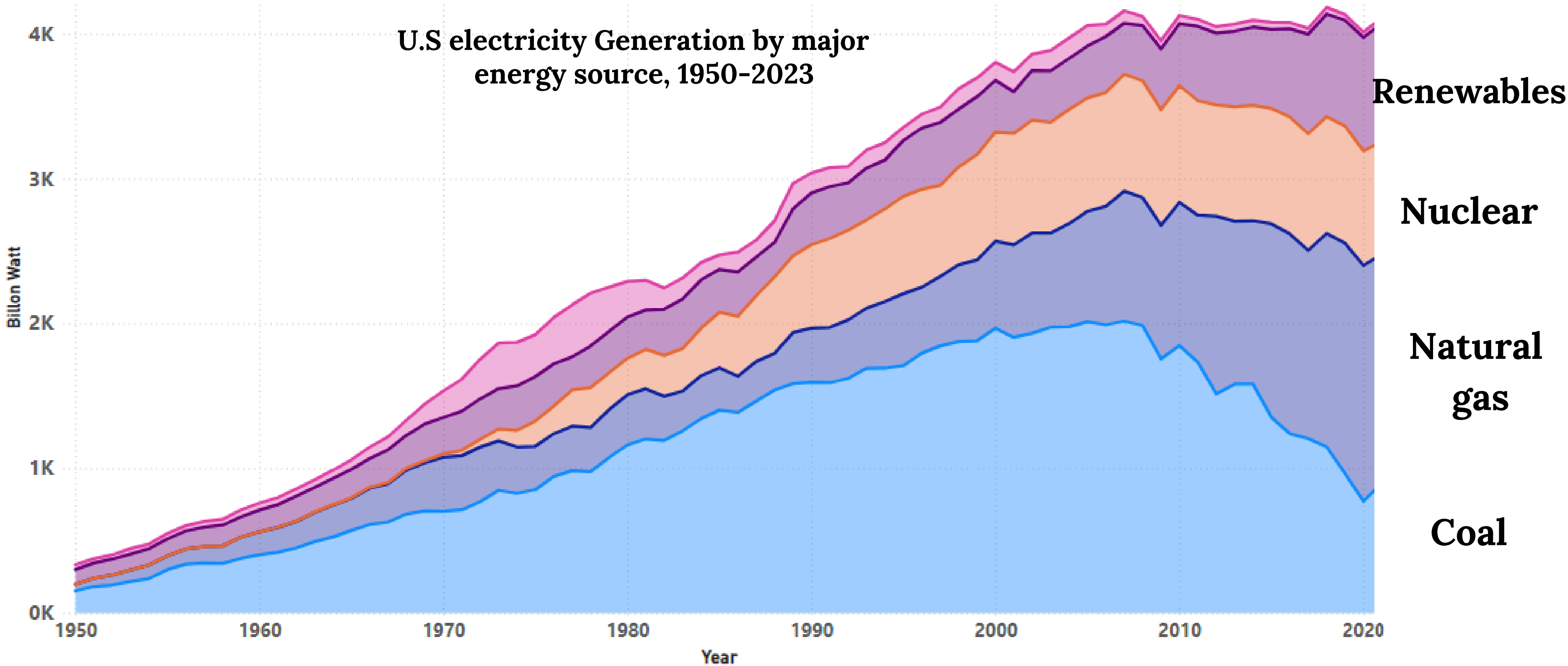
Fossil fuels will dominate without action



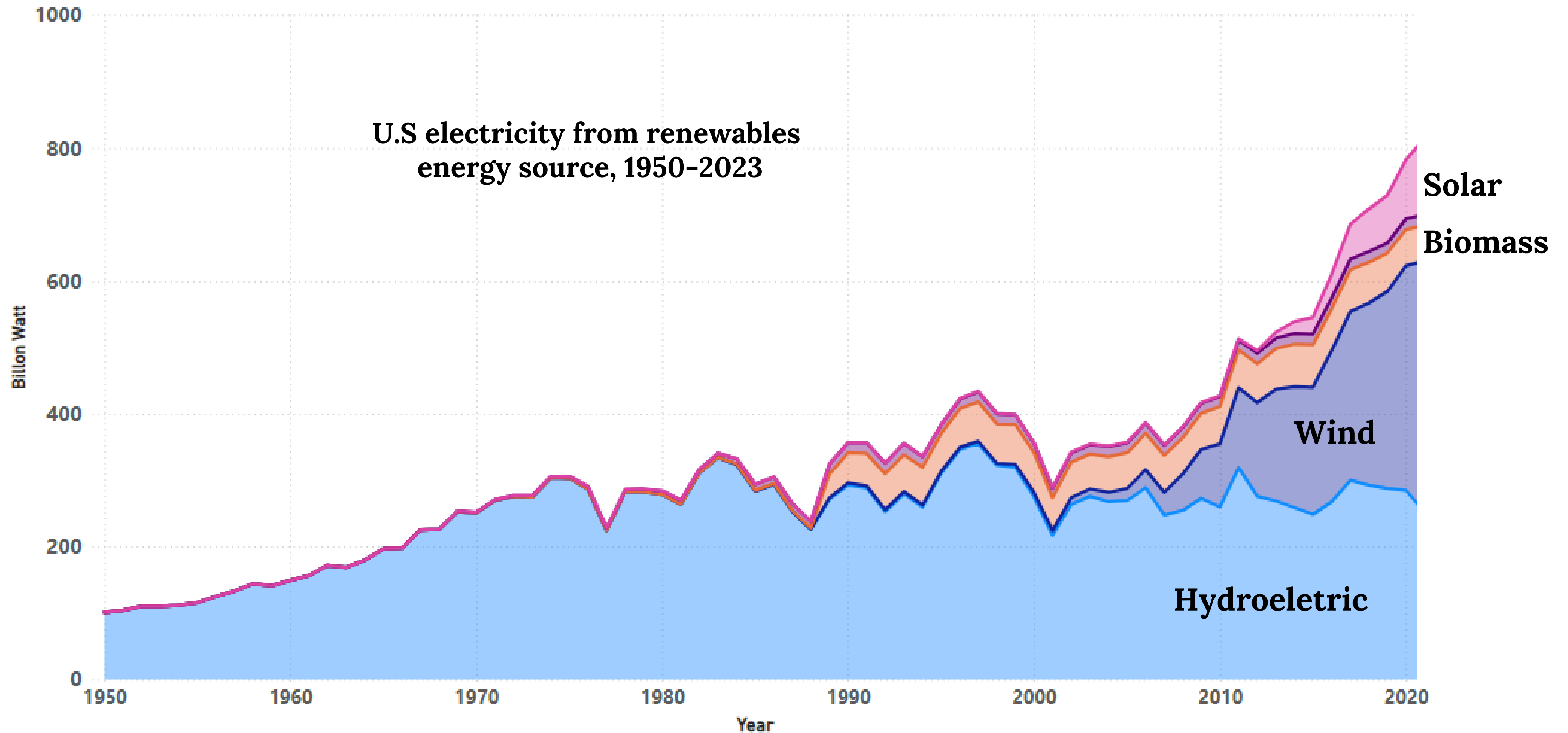
Another future is possible



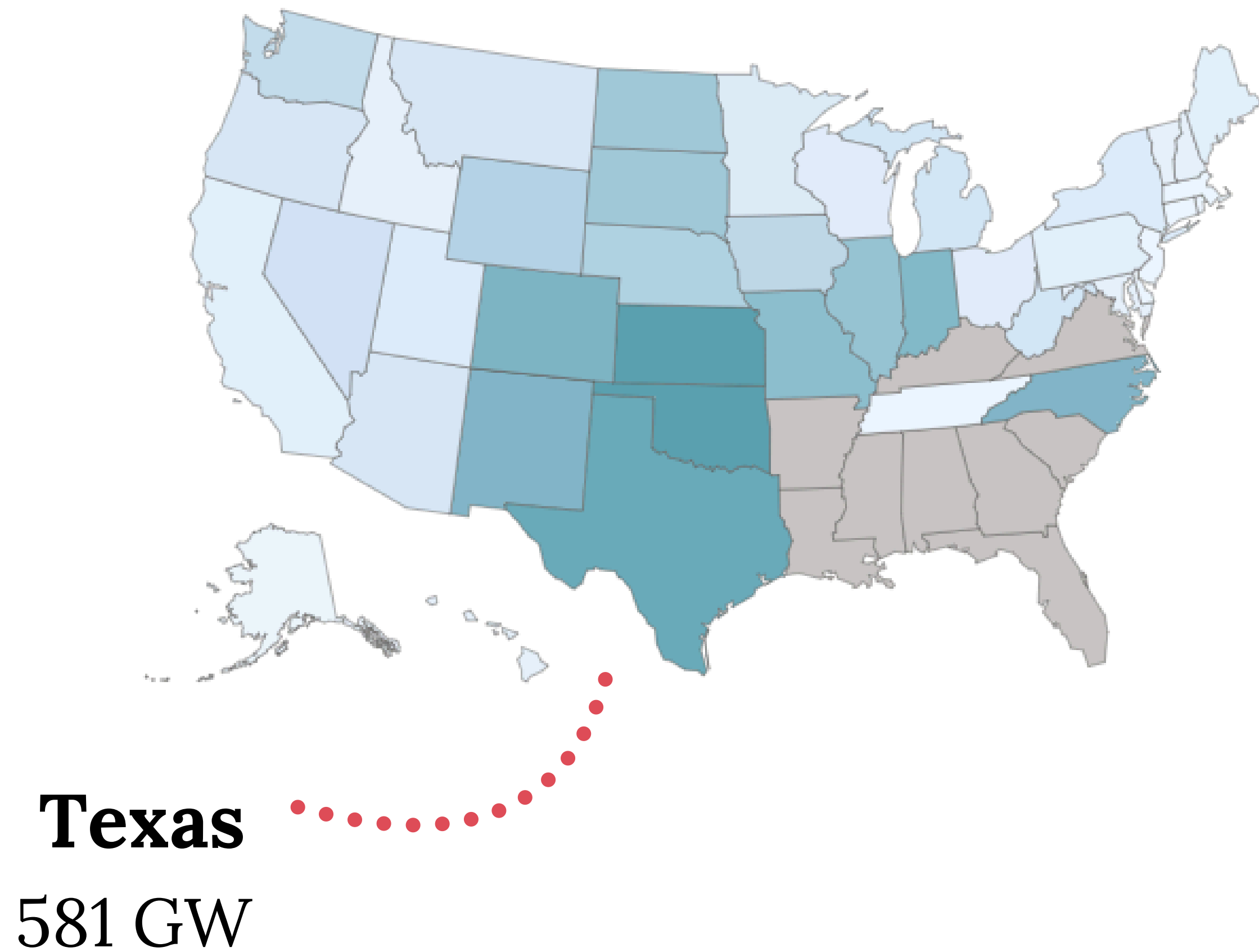
Power sources in U.S



Rapidly Growth in Wind Power

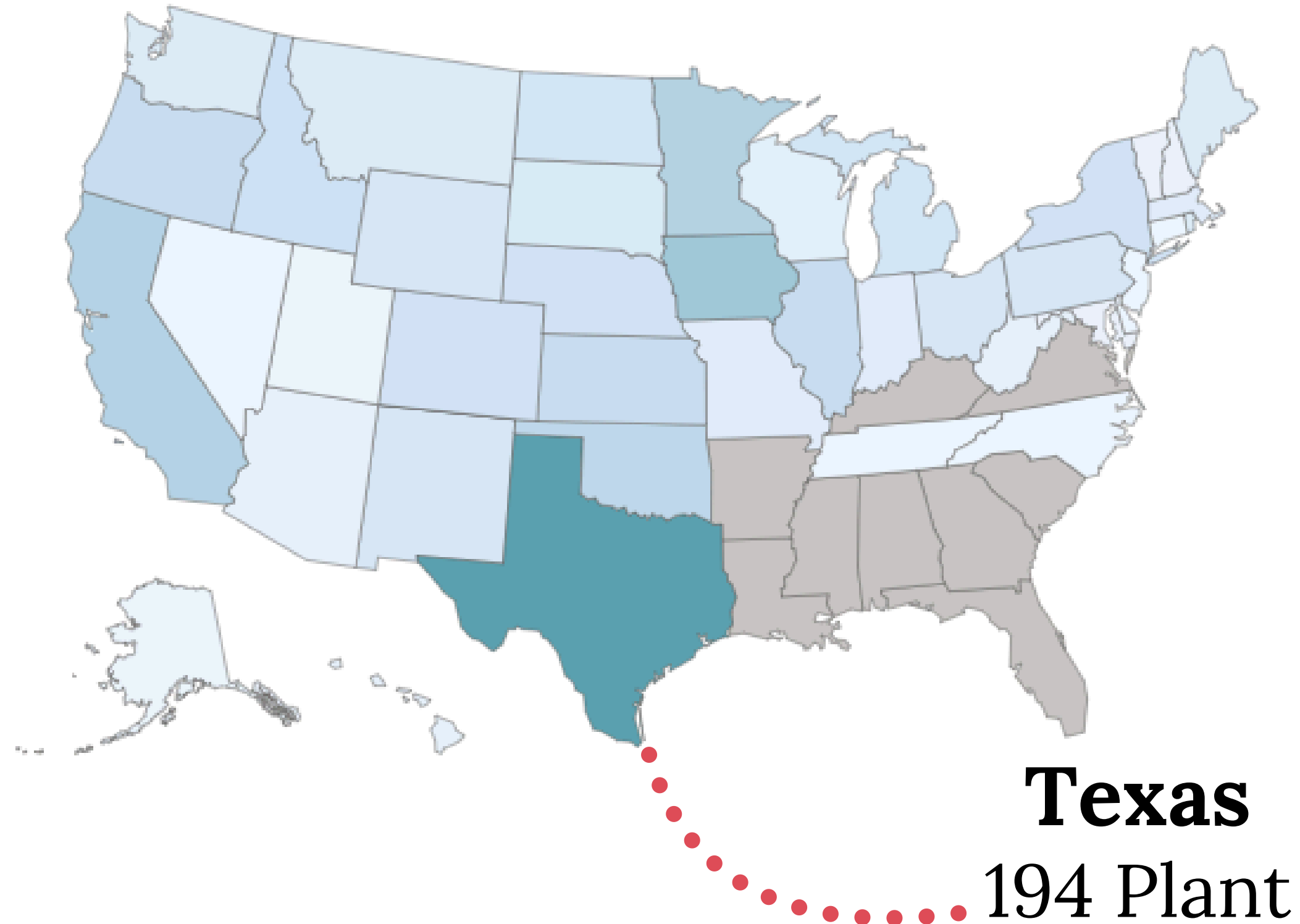


Texas has the **highest** Generation of wind power in US



Texas has the **highest** number of plants in US

Texas has led U.S.
wind energy for 17
years due to its
abundant space
and **ideal wind**
conditions.

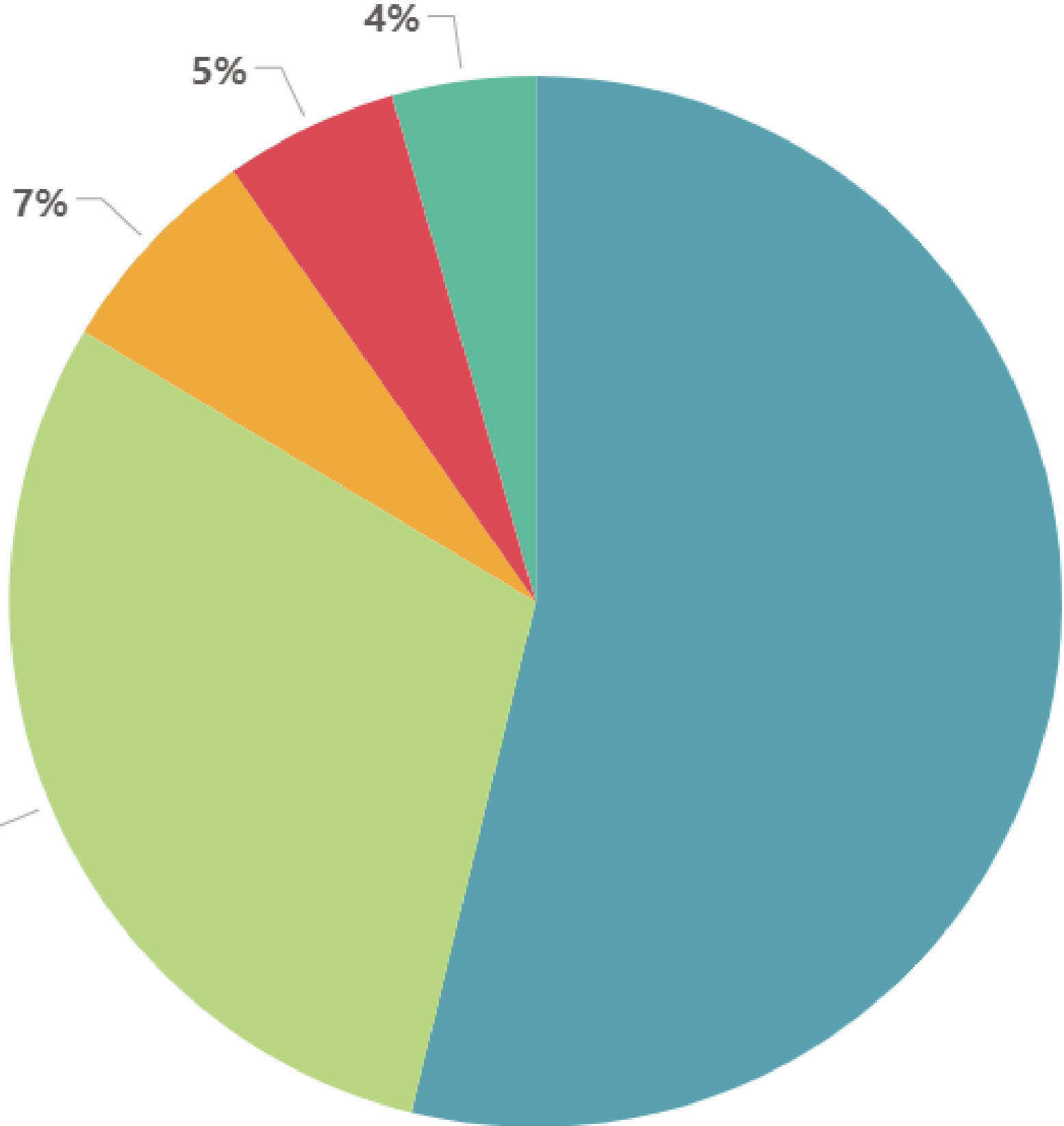


GE Wind manufacturer has the **highest** number of turbine in Texas

- Manufacturer
- GE Wind
 - Vestas
 - Siemens
 - Gamesa
 - Siemens Gamesa Renewable E

Vestas

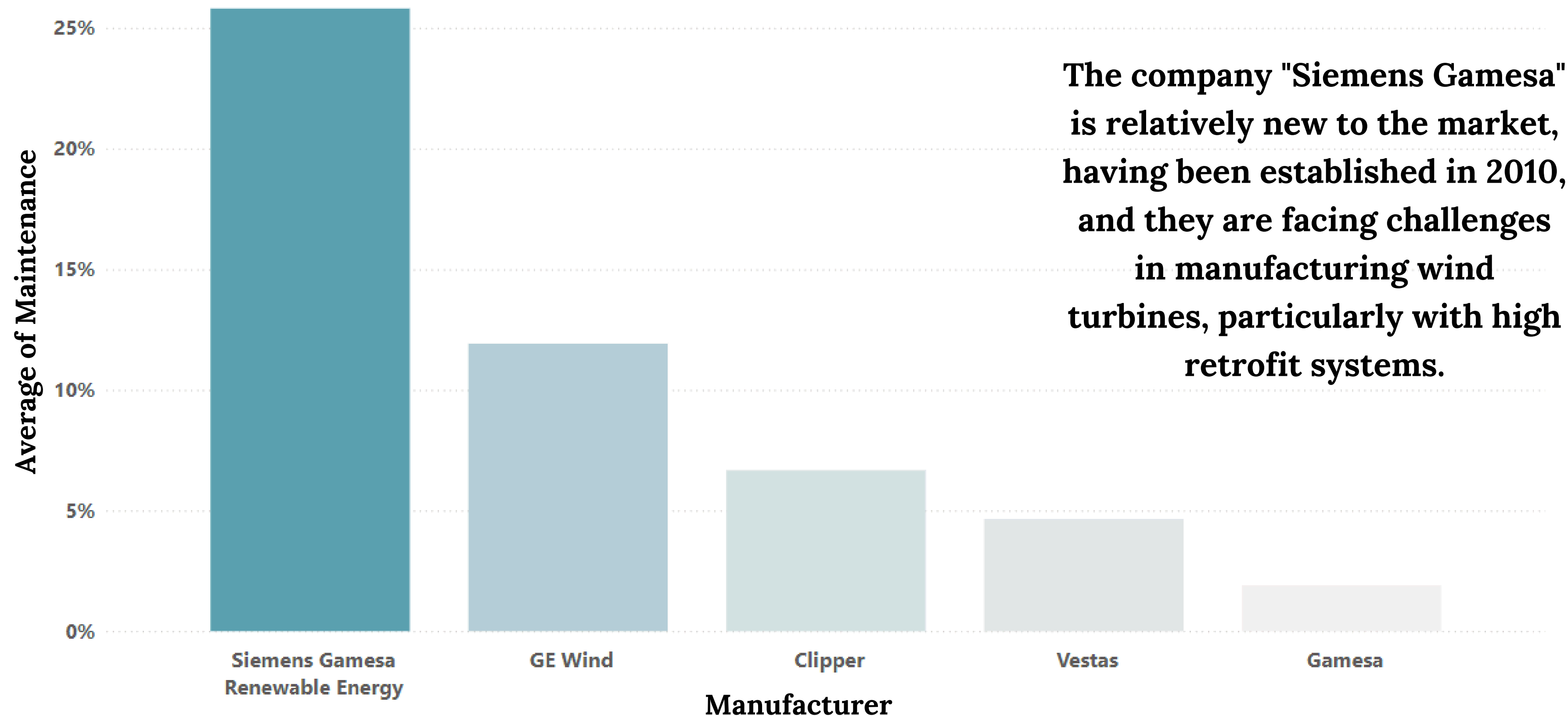
Vestas Wind Systems ranks second with 30% in both installed capacity and average capacity factor.



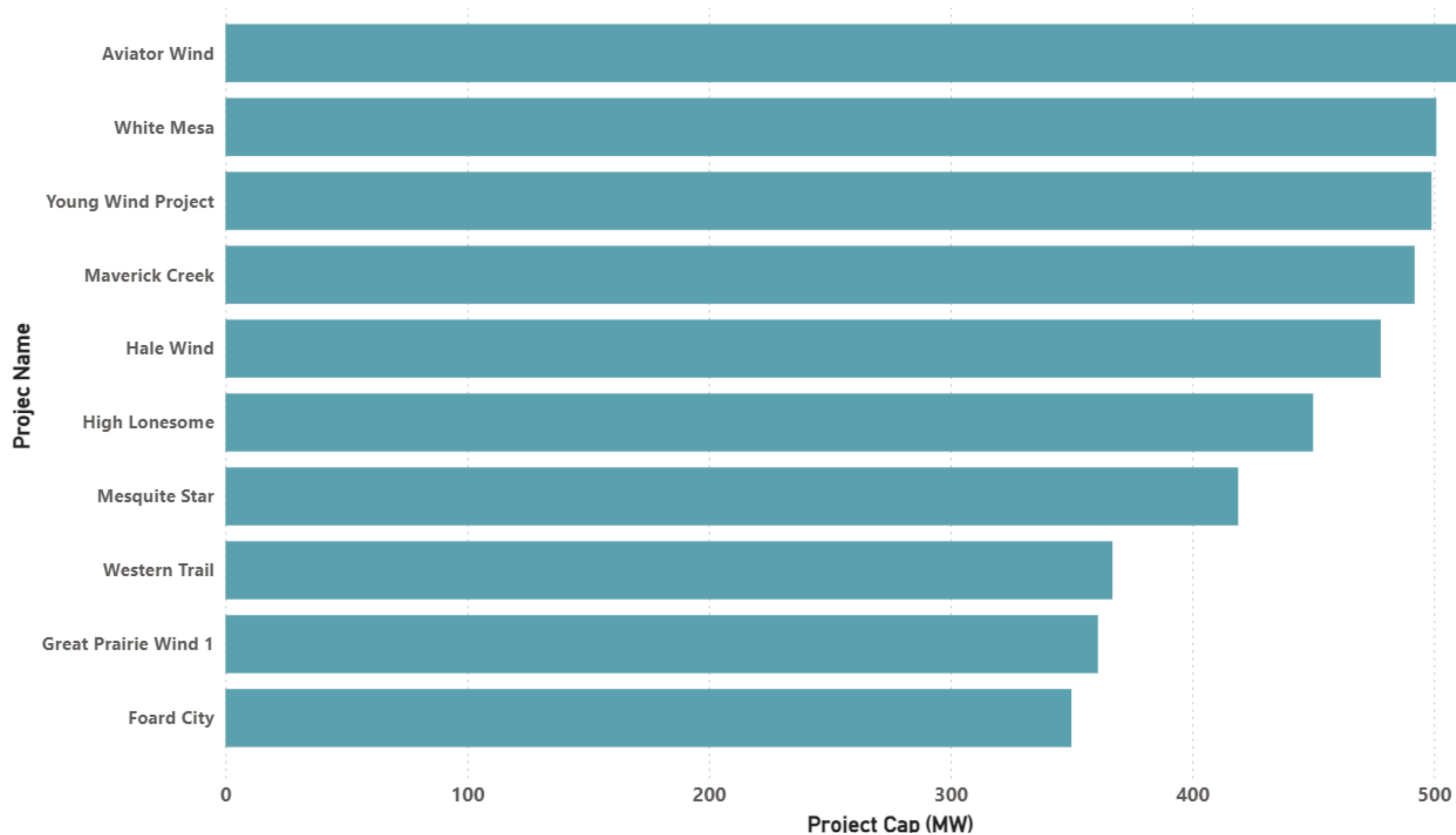
GE Wind

General Electric leads U.S. wind turbine capacity and ranks first in average turbine performance.

Siemens Gamesa manufacturer has the **highest average of maintenace**



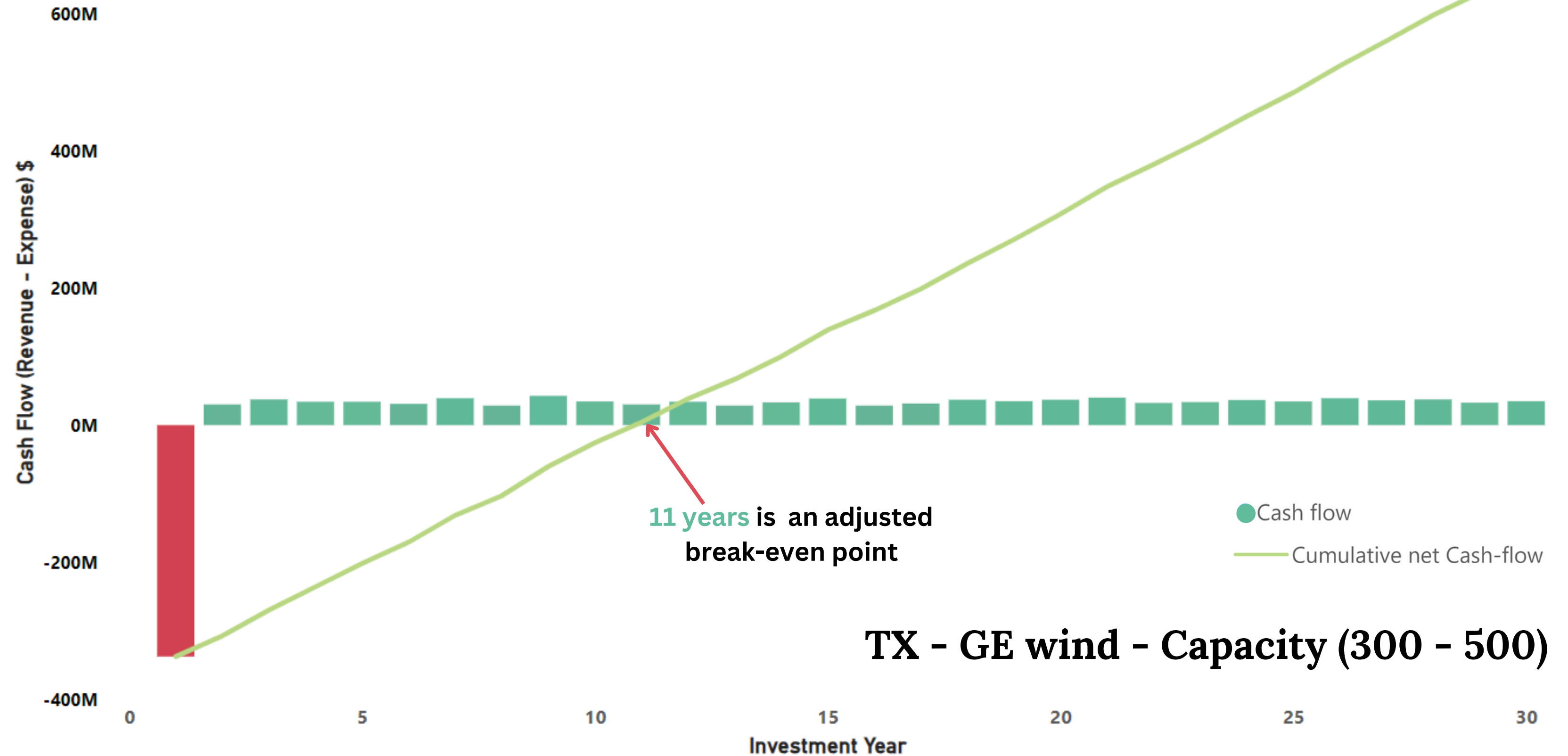
Project capacity range is between 300MW - 500MW



99.8% are builder and operator at the same time

| Aspect | Builder Only (Developer) | Builder and Operator (Developer-Operator) |
|-----------|--|--|
| Revenue | One-time income from selling wind farms | Long-term income from electricity sales (PPAs) |
| Risks | Development risk, dependent on market conditions | Operational risk, maintenance costs, energy prices |
| Cash Flow | Quick, short-term return | Stable, long-term cash flow |

Investment Plan for the Next 30 Years



Recommendations

Manufacturer

GE Wind and Vestas are the best manufacturers for the wind turbine

Maintenance

Selecting GE Wind is a smart choice, as their strong performance and efficiency can balance out the higher maintenance requirements.

Where

Texas is the best place to invest due to its ideal wind conditions

Which energy

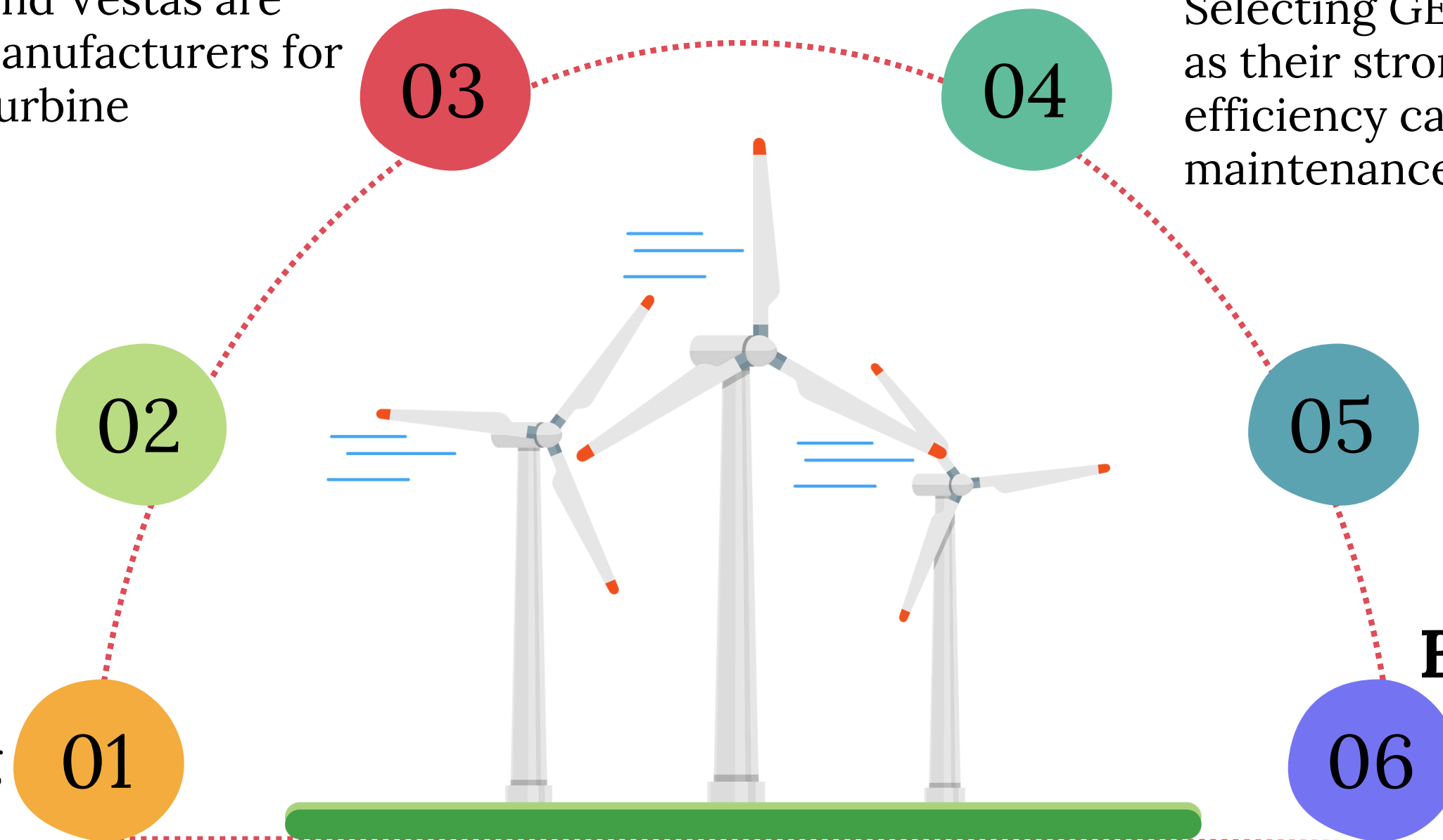
wind energy is the best source of energy among different energy source

Project Capacity

The market demand indicates that the optimal capacity ranges between 300 and 500.

Builder or Operator

Its better to be the builder and operator for your investment



Thanks !