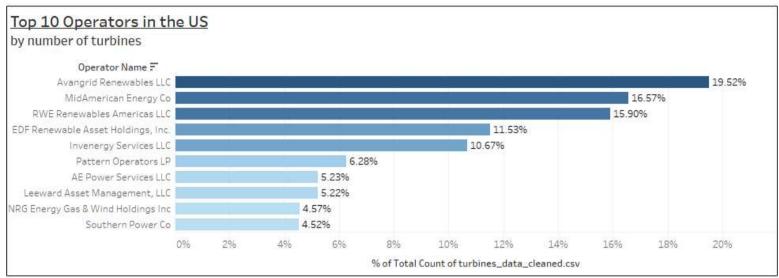
# **Wind Turbine Operators**

- plant owners and national presence

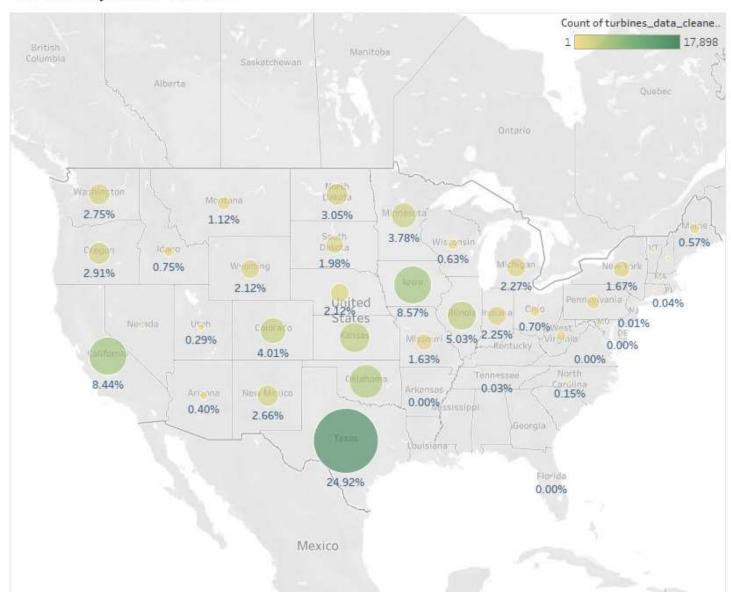






- Avangrid Renewables had the widest presence across the states, and managed the highest total share of turbines.
- Invenergy Services had the second widest presence but was only 5th in terms of total share of turbines across the US.
- There were a number of Operators that had a smaller overall distribution across the map
  - -- but their presence was more concentrated in specific states
    - Eg RWE Renewables America, which was more conentrated in Texas. Texas has a high share of total turbines. Hence RWE has a large market share despite being concentrated across a smaller area.
    - MidAmerican Energy Co was similarly concentrated in Iowa, another high density state for turbines.

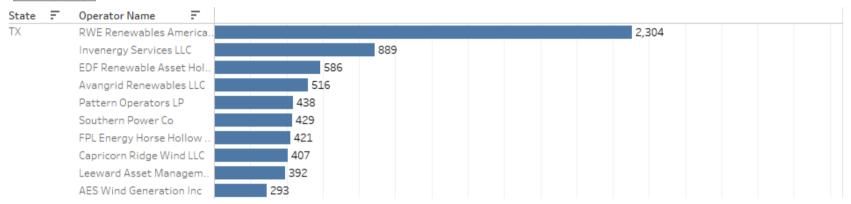
#### Turbines by state - % share



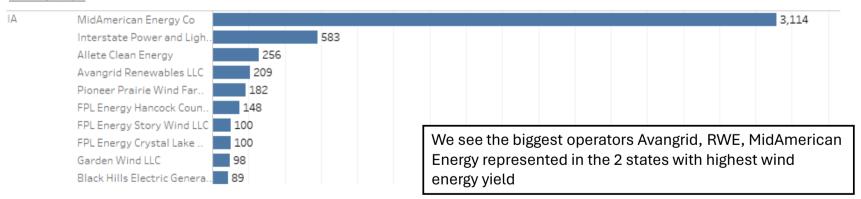
- If we look at the share of turbines by state:
- we can see that Texas, Iowa and California generated the highest amount of wind power.
- It makes sense **dominant Operators in these states** will be strongly represented in the top Operators nationwide.

# Looking at <u>top 10 dominant operators</u> in <u>the top 5 states</u> by number of turbines: Turbines by company by state:

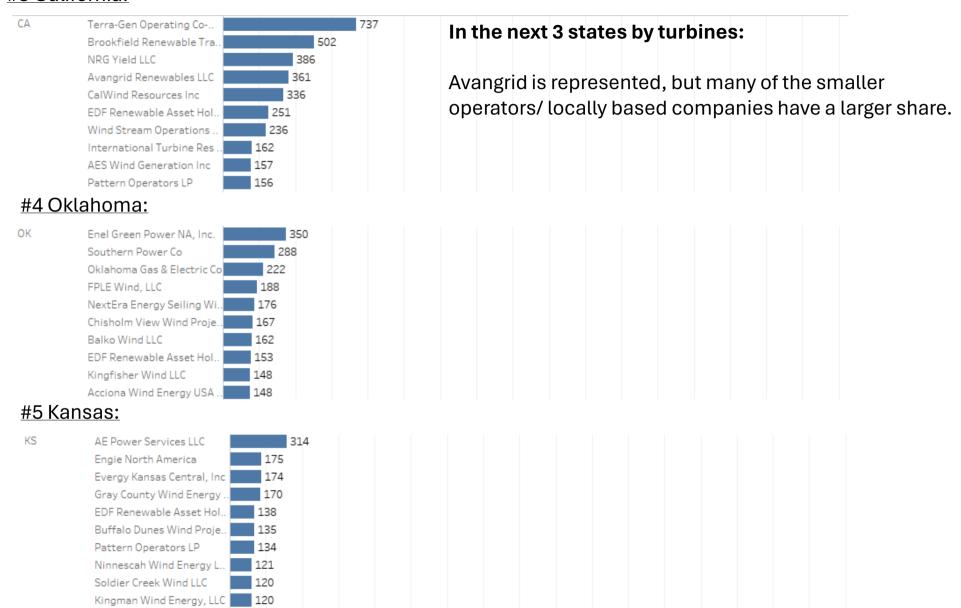
#### #1 Texas:



#### #2 lowa:



#### #3 California:



### Wind power plants by operator

### <u>Including count of turbines/ plant:</u>

#### **RWE** Renewables

RWE Renewables Americas	Anacacho Wind Farm, LLC	TX	3,025	
LLC -	Big Sky Wind LLC	IL	12,996	
	Blue Cloud Wind Energy L	TX	1,849	
	Boiling Springs Wind Farm	ОК	3,600	
	Bruennings Breeze Wind	TX	5,776	
	Canadian Breaks, LLC	TX	7,308	
	Champion Wind Farm LLC	TX	3,025	
	Colbeck's Corner, LLC	TX	12,544	
	Forest Creek Wind Farm L	TX	2,916	
	Grandview Wind Farm, LLC	TX	13,924	
-	Inadale Wind Farm LLC Hy	TX		77,618
	Magic Valley Wind Farm I	TX	12,544	
	Munnsville Wind Farm LLC	NY	529	
	Panther Creek Wind Farm I	TX	7,639	
	Panther Creek Wind Farm II	TX	7,315	
	Panther Creek Wind Farm	TX	17,689	
	Papalote Creek   LLC	TX	11,881	
- - - - - - - - -	Papalote Creek II LLC	TX	7,569	
	Peyton Creek Wind Farm L	TX	2,256	
	Pioneer Trail Wind Farm,	IL	8,836	
	Pyron Wind Farm LLC Hyb	TX		55,112
	Radfords Run Wind Farm	IL	19,321	
	Roscoe Wind Farm LLC	TX	43	3,681
	Sand Bluff Wind Farm	TX	2,025	
	Settlers Trail Wind Farm L	IL	8,836	
	Stella Wind Farm	TX	4,489	
	Stony Creek Wind Farm LLC	PA	1,225	
	Wildcat Wind Farm I, LLC	IN	15,625	

#### Avangrid

vangrid Renewables LLC	Barton Windpower LLC	IA	6,400	
	Big Horn Wind II	WA	600	
	Big Horn Wind Project	WA	17,689	
	Blue Creek Wind Project	ОН	23,104	
	Buffalo Ridge I LLC	SD	576	
	Buffalo Ridge II LLC	SD	11,025	
	Casselman Wind Power Pr	PA	529	
	Colorado Green Holdings	CO	11,664	
	Deerfield Wind LLC	VT	225	
	Desert Wind Farm, LLC	NC	10,816	
	Dillon Wind LLC	CA	2,025	
	Dry Lake Wind LLC	AZ	900	
	El Cabo Wind	NM	20,164	
	Elk River Wind	KS	10,000	
	Elm Creek Wind II LLC	MN	3,844	
	Elm Creek Wind LLC	MN	4,356	
	Farmers City Wind LLC	MO	5,329	
	Flying Cloud Power Partn	1A	841	
	Groton Wind LLC	NH	576	
	Hardscrabble Wind Power	NY	1,369	
	Hay Canyon Wind Power L	OR	2,304	
	Juniper Canyon I Wind Pro	WA	4,032	
	Karankawa Wind LLC	TX	15,376	
	Klondike Wind Power	HI	8	
		AK	16	
		OR	240	
	Klondike Windpower II	OR	2,500	
	Klondike Windpower III	OR	18,028	
	Leaning Juniper Wind Po	OR	13,689	
	Lempster Wind LLC	NH	144	
	Locust Ridge	PA	663	
	Locust Ridge II LLC	PA	2,107	
	Manzana Wind LLC	CA	15,876	
	MinnDakota Wind LLC	SD	1,296	
		MN	4,096	
	Montague Wind Power Fa	OR	3,136	