

Offshore Wind Power Plays



Endgame:

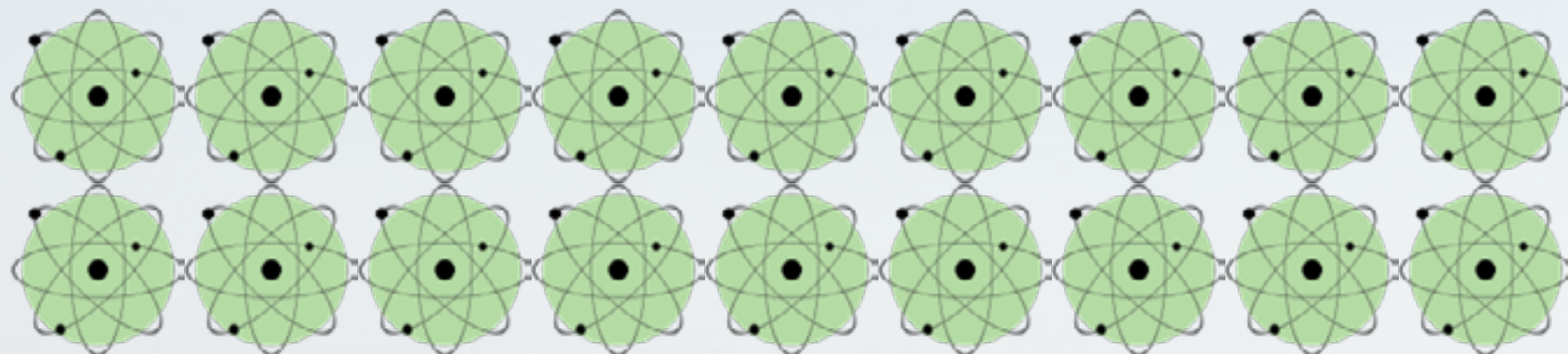
Install **9,401** wind turbines (5MW each) off the coast to supply 55% of our energy use. The coast is about 140 miles long. This comes to 70 Turbines per mile.

Endgame Numbers per Mark Jacobson:

	End use power delivered	Nameplate Capacity needed	Number of Turbines	Jobs created: Construction/ Operation	Cost
Offshore Wind 5MW Turbines	18.27 GW	47 GW	9,401	8,096 29,618	\$170 Billion

Score:

Offshore Wind gets you **~18 GW** closer to the endzone and can help you avoid building 18 new nuclear power plants!



Players!

Are you ready to go **ALL. THE. WAY.** ?

18 GW Down Offshore with Wind

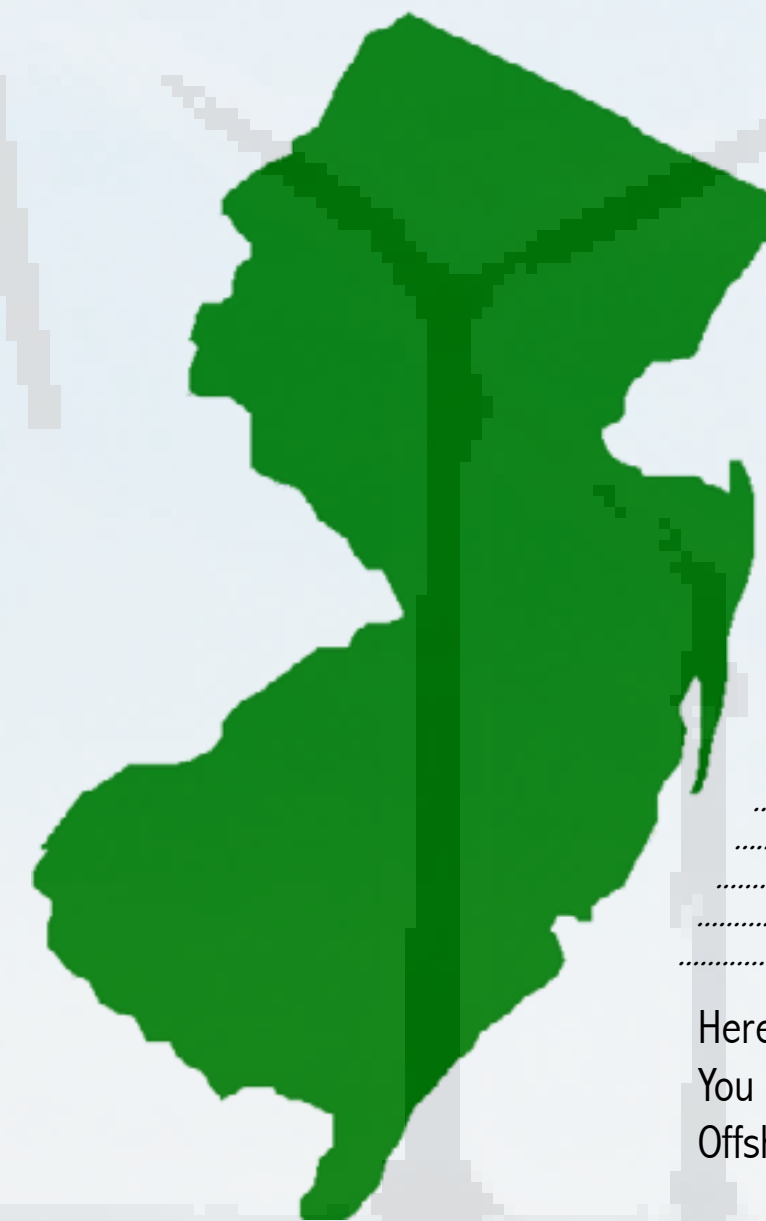
How do you FEEL?

What will your world look like when you succeed?

Who are the key players and specialized teams?

What is the next play: **where is the action right now?**

Are you ready to play a tight Grid-dle and Storage game?



Here are 10 rows of 70 dots representing **700 offshore turbines**. You only need ~12 more sets of these to achieve the Solutions Project Offshore wind goal.

@footprint2wings

#RacetoZeroCarbon

www.footprinttowings.org

Onshore Wind Power Plays



Endgame:

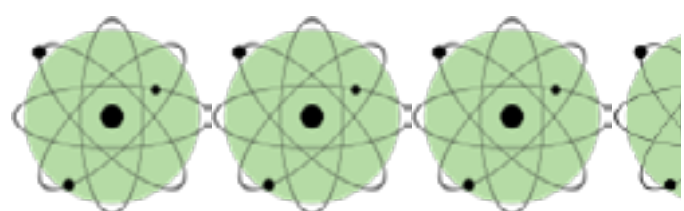
- Install **3,185** wind turbines (5MW each) throughout the State to supply 10% of our energy use.

Endgame numbers for Onshore Wind per Mark Jacobson:

	End use power delivered	Nameplate Capacity needed	Number of Turbines	Jobs: Construction/ Operation	Cost
Onshore Wind 5MW Turbines	3.29 GW	15.9 GW	3,185	1,586 2,377	\$23.2 Billion

Score:

Onshore Wind get you ~**3.3 GW** closer to the endzone and can help you avoid building 3.3 new nuclear power plants!



Players!

Are you ready to go **ALL. THE. WAY.** ?

3.3 GW Down Onshore Wind?

- Do you know how much space is needed?
- Do you know where the turbines would go?
- What will your county look like?
- What is the next play, is there any **action right now?**
- Are you ready to play a tight Grid-dle and Storage game?

NIMBY* Alert: How many back yards are affected?

3,185 wind turbines take up 547 square miles of space, approximately the size of Atlantic County.

*NIMBY: "Not In My Back Yard"

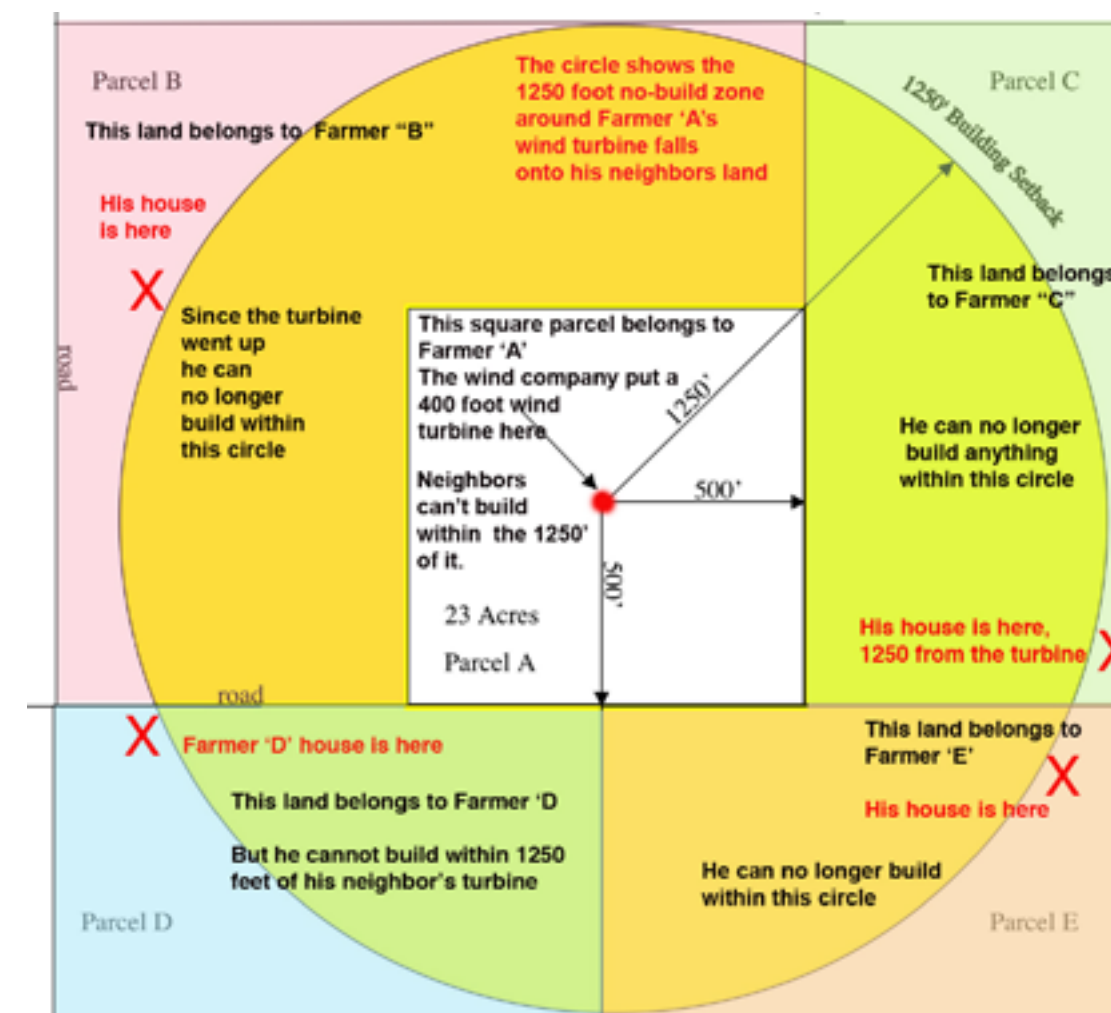


Image via <http://betterplan.squarespace.com/>

Mind the Setbacks

@footprint2wings

#RacetoZeroCarbon

www.footprinttowings.org