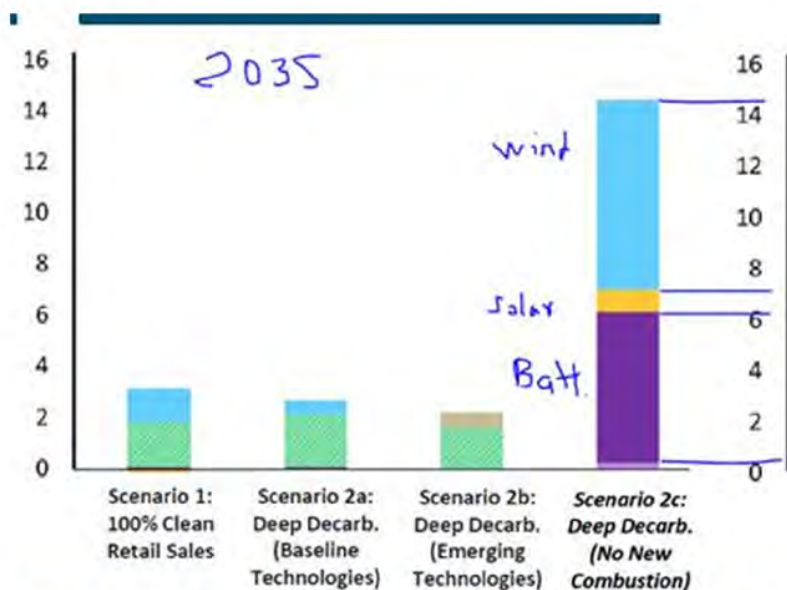


Land Use

Technology Type	Size (acres / MW)	Size Std. Dev. (acres / MW)
Photovoltaics <10 kW	3.2	2.2
Photovoltaics 10 100 kW	5.5	0.7
Photovoltaics 100 1,000 kW	5.5	0.7
Photovoltaics 1 10 MW	6.1	1.7
Wind <10 kW	30	n/a
Wind 10 100 kW	30	n/a
Wind 100- 1000 kW	30	n/a
Wind 1 10 MW	44.7	25.0

Here's what I'm coming up with,



Literally using a ruler on a screen to get the best read of MW since I couldn't find it in any of their tables
On-shore wind 7145 MW * 44.7 acres/MW from NREL * 0.001563 sq miles/acre = 500 sq miles

Solar 855 MW * 6.1 acres/MW from NREL * 0.001563 sq miles/acre = 8 sq miles

Didn't find conversion factors for batteries in those references or a quick search, but from the graph it looks like it is about 5750 MW battery (didn't see what duration and that affects the land area too, maybe it is 6 hours.)

I asked my husband if he'd like to give it a try. He came up with 65 acres. So that doesn't register next to the wind and solar.