

# AMERICA POWERING UP OUR FARMS

## American Vertical Solar LLC –Saving Farmland –Building Power

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In 2015, the entire state of Virginia there were ZERO Utility Sized Solar Farms. In 2022 there were 44 with twice that in various stages of development.

So many (one 21000 acres alone in size ) that the State now requires an environmental impact statement for the process to move forward.

In 2023, 5000 farms across the United States shut down, were sold or leased their land for solar farms but all no longer farmed. The world population is growing, and we are losing farmland.

Princeton University determined that it takes 300 times the amount of land to build a Solar or Wind of equivalent size to a natural gas or nuclear power plant.

What does all of this signify ? To build large scale Solar you need to take up a lot of land ! Once that statement was totally accurate. Today after years of design and redesign we have the answer to a problem. No longer would a farmer, municipality, landowner or business have to choose between keeping the land or installing a solar farm. After years of effort, we at American Vertical Solar can develop on 500 acres ,from 100 to 180 MW of power daily while still leaving the farmer with 99.999 per cent of his farm for farming.

This generates a co-existence Food Farm and SOLAR Farm on one site.

