

100% UNITED STATES

Transition to 100% wind, water, and solar (WWS) for all purposes
(electricity, transportation, heating/cooling, industry)



Residential rooftop solar
8%



Solar plant
25%



Concentrated solar plant
7.3%



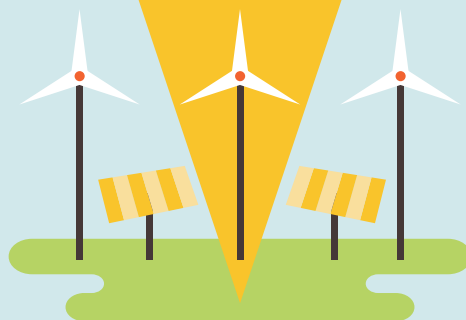
Onshore wind
30.9%



Offshore wind
17.5%

2050

PROJECTED
ENERGY MIX



Commercial/govt rooftop solar
7.4%



Wave energy
0.4%



Geothermal energy
0.5%



Hydroelectric
3%



Tidal turbine
0%




40-Year Jobs Created

Number of jobs where a person is employed for 40 consecutive years

Operation jobs: 

2,815,850

Construction jobs: 

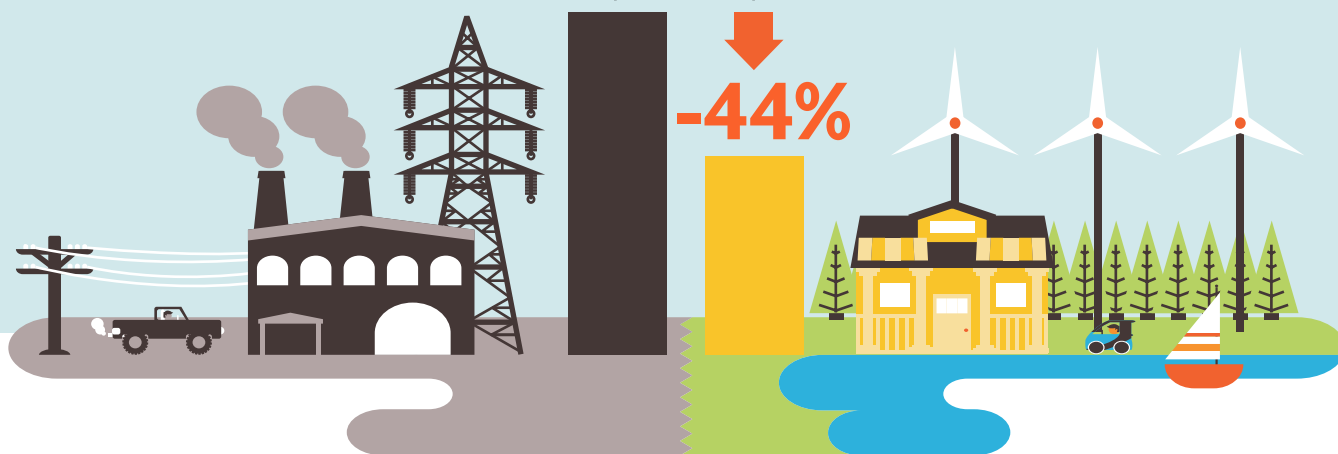
2,285,816

 = 500,000

Using WWS electricity for everything, instead of burning fuel, and improving energy efficiency means you need much less energy.

2050 Demand with BAU

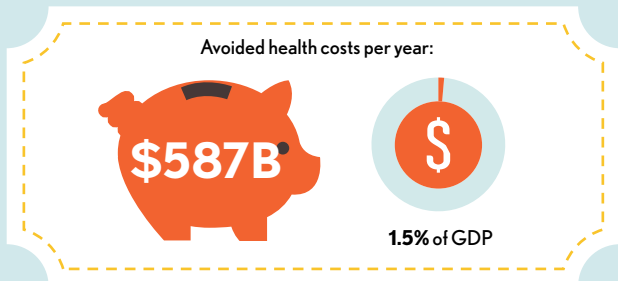
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs

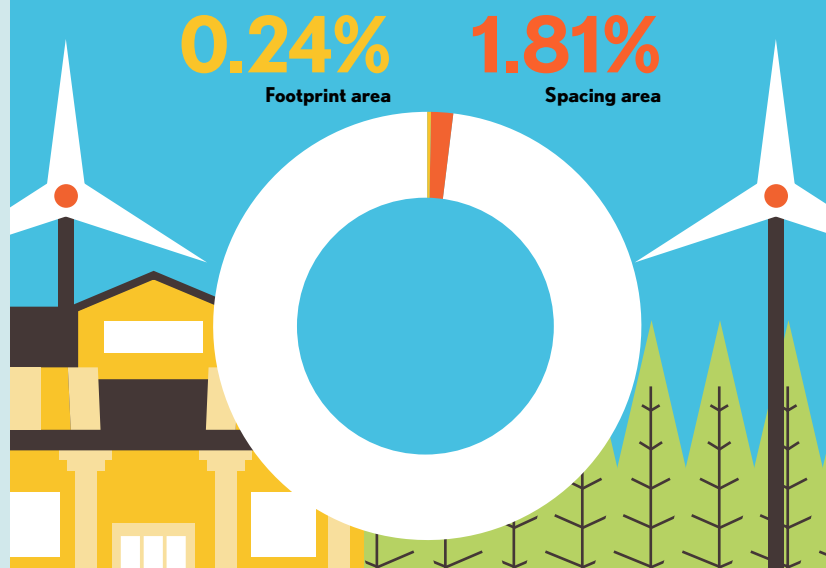


Air pollution deaths avoided every year: **44,367**



Plan pays for itself in as little as **1.5** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators



Future Energy Costs 2050

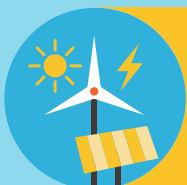
● BAU (Business as usual) ● WWS (Wind, water, solar)



Average fossil-fuel energy costs*

10.4 c/kWh

*Health and climate external costs of fossil fuels are another 5.7c/kWh



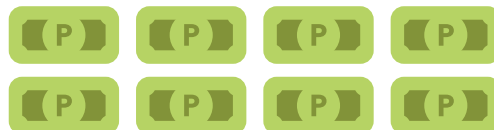
Average WWS electricity costs

8.5 c/kWh

Money in Your Pocket

(P) = \$1,000

Annual energy, health, and climate cost savings per person in 2050: **\$8,020**



Annual energy cost savings per person in 2050: **\$444**

