

100% INDIA

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



Residential rooftop solar
6.3%



Solar plant
50.3%



Concentrated solar plant
11.5%



Onshore wind
17%



Offshore wind
3.2%

2050

PROJECTED ENERGY MIX



Commercial/govt rooftop solar
8.7%



Wave energy
0.4%



Geothermal energy
0%



Hydroelectric
2.6%



Tidal turbine
0%



40-Year Jobs Created

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

Operation jobs:



1,698,048

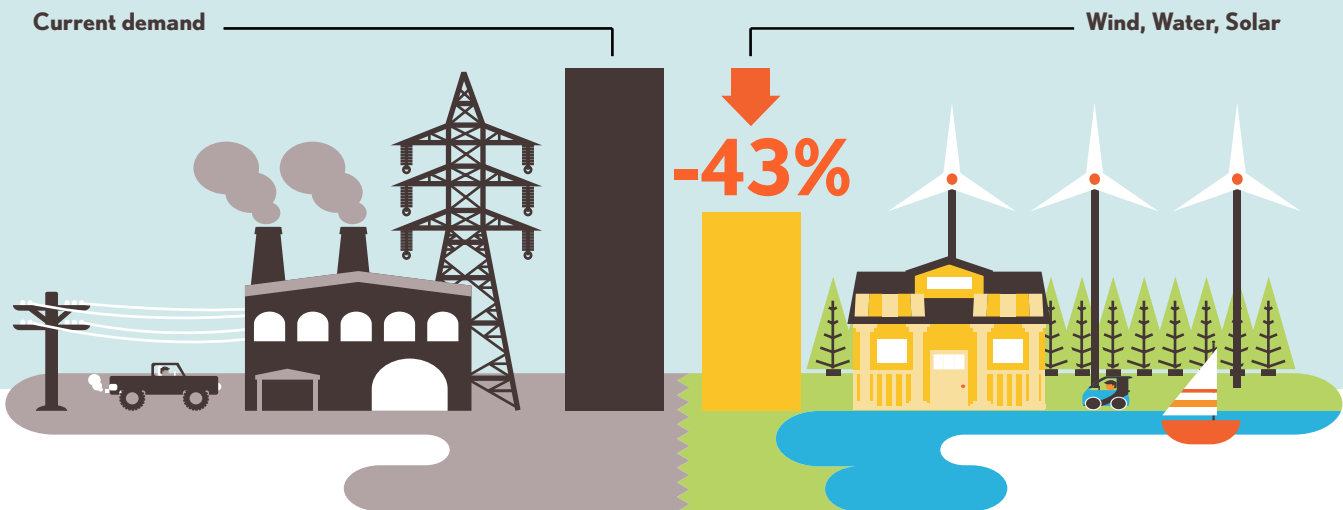
Construction jobs:



1,905,892

1 = 100,000

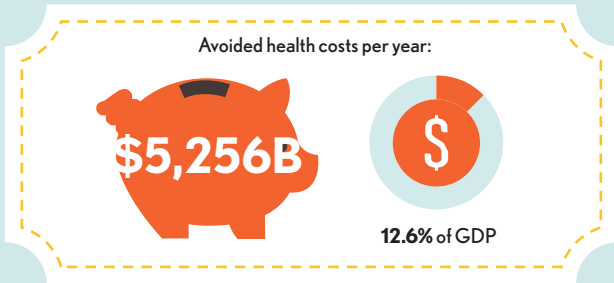
Using WWS electricity for everything, instead of burning fuel, and improving energy efficiency means you need much less energy.



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Avoided Mortality and Illness Costs



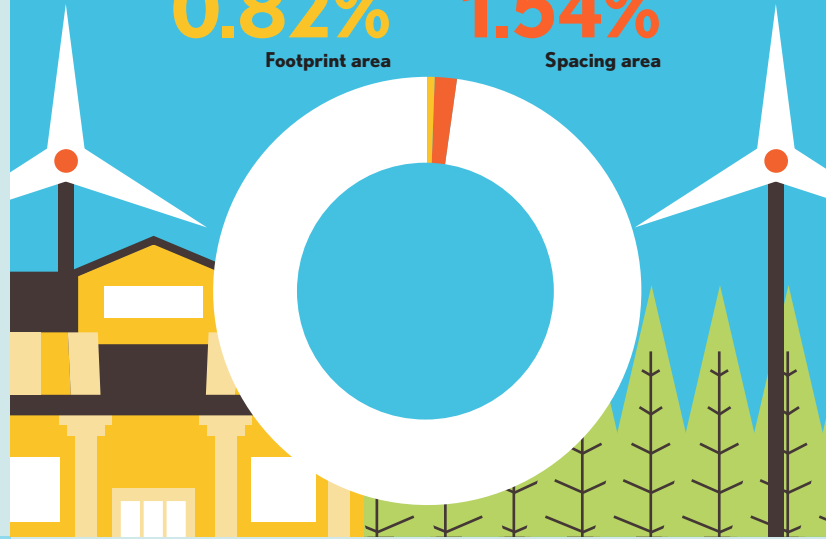
Air pollution deaths avoided every year: **767,247**



Plan pays for itself in as little as **0.8** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

0.82% Footprint area
1.54% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

10.1 c/kWh

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



Average WWS electricity costs

7.5 c/kWh

Money in Your Pocket

(P) = \$500

Annual energy, health, and climate cost savings per person in 2050: **\$4,030**



Annual energy cost savings per person in 2050: **\$70**

