100% INDIA

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

2050

PROJECTED ENERGY MIX

- Residential rooftop solar: 6.3%
- Solar plant: 50.3%
- Concentrated solar plant: 11.5%
- Onshore wind: 17%
- Offshore wind: 3.2%
- 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

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

Current demand

- Wind, Water, Solar

-43%
Transition to 100% wind, water, and solar (WWS) for all purposes (electricity, transportation, heating/cooling, industry)

Avoided Mortality and Illness Costs

Avoided health costs per year: $5,256B

12.6% of GDP

Air pollution deaths avoided every year: 767,247

= 100,000

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 5.7 c/kWh

Average WWS electricity costs 7.5 c/kWh

Money in Your Pocket

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

Annual energy cost savings per person in 2050: $70

= $500

Data from Stanford University