

100% GIBRALTAR

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



Residential rooftop solar
0.4%



Solar plant
62.1%



Concentrated solar plant
0%



Onshore wind
0%



Offshore wind
35%

2050

PROJECTED
ENERGY MIX

Commercial/govt rooftop solar
0.8%



Wave energy
0.5%



Geothermal energy
0%



Hydroelectric
0%



Tidal turbine
1.2%



40-Year Jobs Created

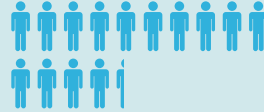
Number of jobs where a person is employed for 40 consecutive years

Operation jobs:



3,179

Construction jobs:



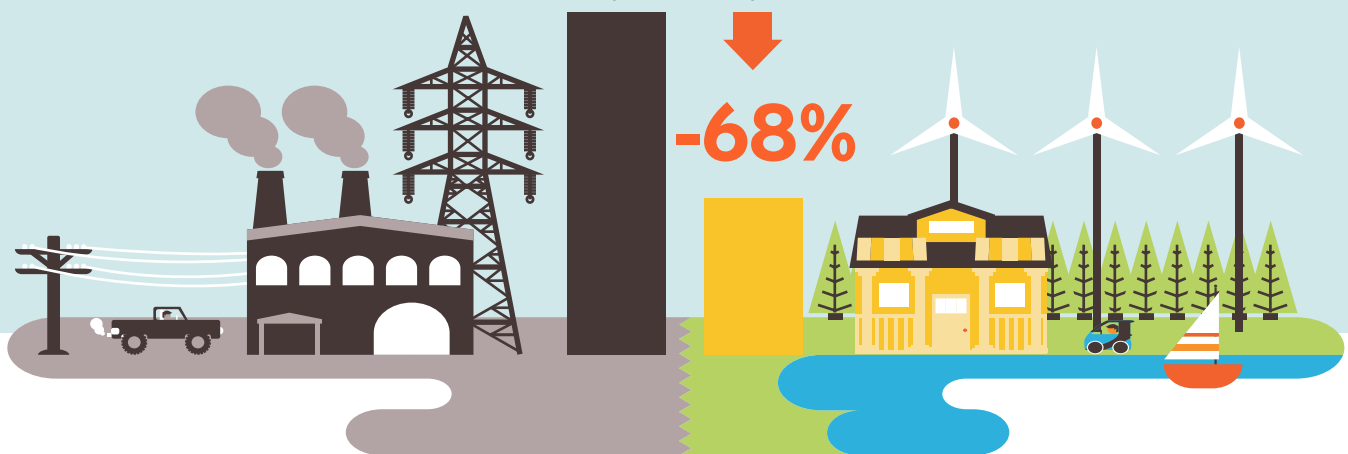
2,884

1 = 200

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

2050 Demand with BAU

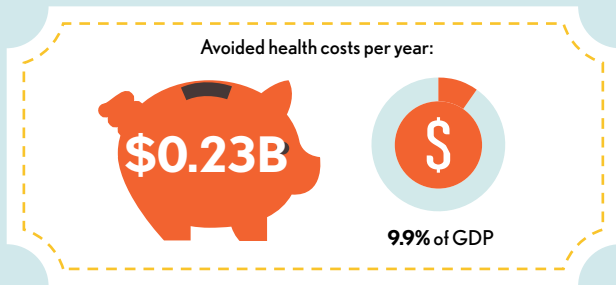
2050 Wind, Water, Solar



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Avoided Mortality and Illness Costs



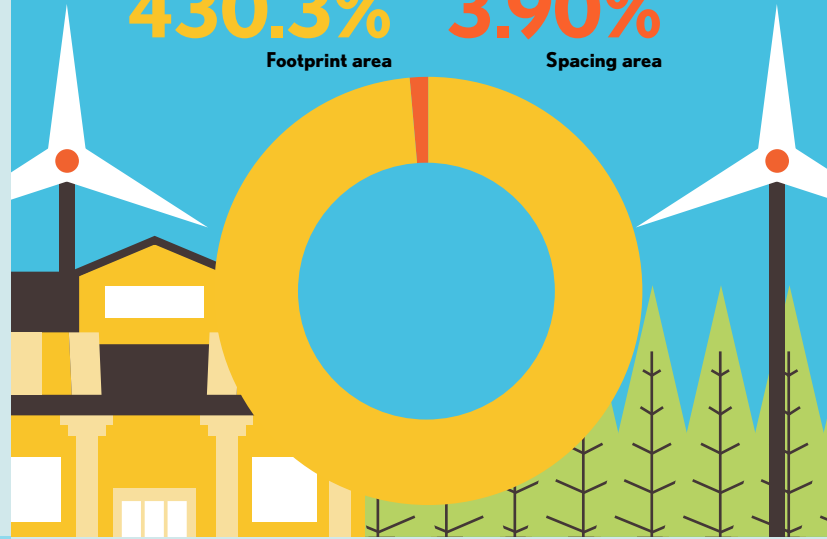
Air pollution deaths avoided every year: **18**



Plan pays for itself in as little as **3.2** years from air pollution and climate cost savings alone.

Percentage of Land Needed for All New WWS Generators

430.3% Footprint area
3.90% Spacing area



Future Energy Costs 2050

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



Average fossil-fuel energy costs*

11.2 c/kWh

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



Average WWS electricity costs

6.2 c/kWh

Money in Your Pocket

(P) = \$2,000

Annual energy, health, and climate cost savings per person in 2050: **\$16,488**



Annual energy cost savings per person in 2050: **\$18**