100% MASSACHUSETTS

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

- Residential rooftop PV 3.9%
- Solar PV plants 22.3%
- CSP plants 0%
- Onshore wind 13%
- Offshore wind 55%
- Commercial/govt rooftop PV 3.3%
- Wave devices 1%
- Geothermal 0%
- Hydroelectric 1.4%
- Tidal turbines 0.1%

2050 PROJECTED ENERGY MIX

40-Year Jobs Created
Number of jobs where a person is employed for 40 consecutive years

- Operation jobs: 37,950
- Construction jobs: 53,490

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

- Current demand
- Wind, Water, Solar

-40%

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Data from Stanford University - For more information, visit http://go100.me/50StateTargets

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100% MASSACHUSETTS

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Avoided Mortality and Illness Costs

- Avoided health costs per year: $8.2B (1% of State GDP)
- Air pollution deaths avoided every year: 1033

Plan pays for itself in as little as 5 years from air pollution and climate cost savings alone.

Future Energy Costs 2050

- BAU (Business as usual) U.S. average fossil-fuel energy costs* 11.0 c/kWh
- WWS (Wind, water, solar) State average WWS electricity costs 12.7 c/kWh

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

Money in Your Pocket

- Annual energy, health, and climate cost savings per person in 2050: $6,365
- Annual energy cost savings per person in 2050: $26

= $2,000

Total savings per person in 2050: $6,365 - $26 = $6,339

Percentage of Massachusetts Land Needed for All New WWS Generators

- Footprint area: 1.02%
- Spacing area: 6.99%

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