

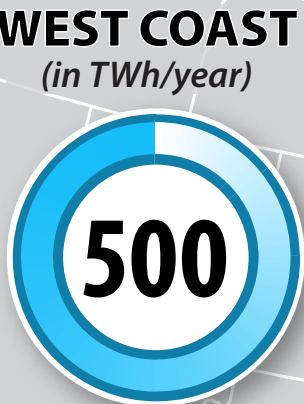
Near Shore Energy Potential for Coastal Structure Integrated Wave Energy Converters

(in TWh/year)



ALASKA
(in TWh/year)

1,603 miles
of man-made
hardened coastline



WEST COAST
(in TWh/year)



HAWAII
(in TWh/year)

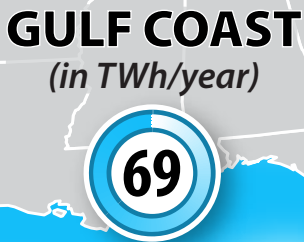
Sea level rise in US
projected to rise
~1ft by 2050

350,000 homes & buildings
are located w/in 500 ft of a
coastline that is vulnerable to
erosion and coastal storms

Current rate of
coastline hardening is
124 mi/year

39% of the U.S.
population lives in
coastal counties

40% of those
Americans are at
Elevated Coastal
Hazard Risk*



GULF COAST
(in TWh/year)

4,782 miles
of man-made
hardened coastline



EAST COAST
(in TWh/year)

6,782 miles
of man-made
hardened coastline



PUERTO RICO & USVI
(in TWh/year)

*This estimate includes children, the elderly, households where English is not the primary language, and those in poverty ([NOAA](#))