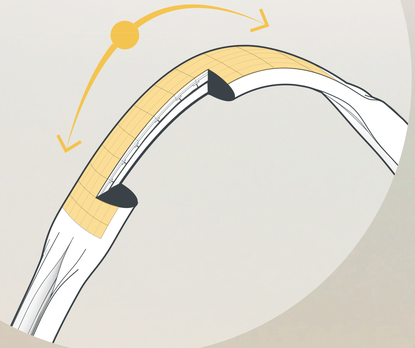
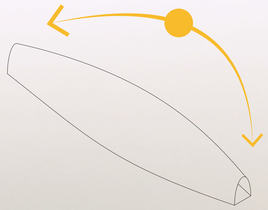
SOLAR ARRAY

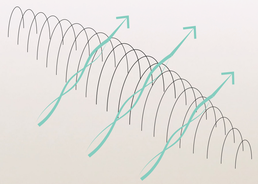
Solar modules capture light energy, generating electricity through photovoltaic effect





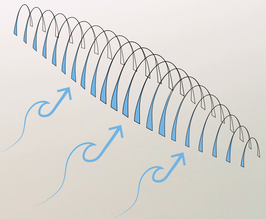
SOLAR

1m² of pv panel = 5.0 kwh / day



WIND

1m of windbelt = 0.2 kwh / day



WAVE

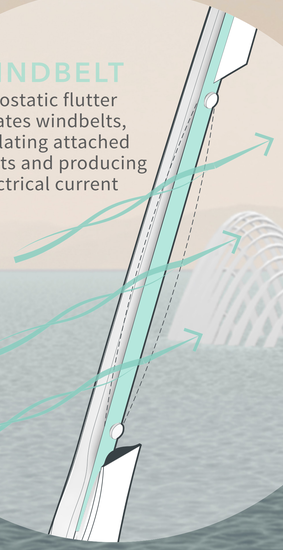
1 buoy = 34.5 kwh / day

	TOTAL UNITS	x	POWER	=	OUTPUT
→	627m² of pv	x	5 kwh / day	=	3.1 mwh / day
→	3189m of windbelts	x	0.2 kwh / day	=	0.6 mwh / day
→	239 buoys	x	34.5 kwh / day	=	8.2 mwh / day

TOTAL OUTPUT: **11.9** MWH/DAY

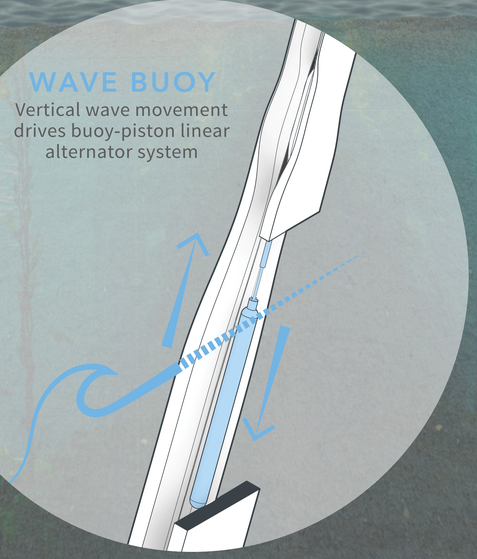
WINDBELT

Aerostatic flutter vibrates windbelts, oscillating attached magnets and producing electrical current



WAVE BUOY

Vertical wave movement drives buoy-piston linear alternator system



The re-establishment of kelp forests in Santa Monica Bay calls for control of purple sea urchin populations

Grottoes and overhangs in the sculpture foundations provide habitat for sheepshead fish and lobsters—two major predators of the sea urchin

Pylons with rough, rocky surfaces support filter feeders and molluscs

Power transformer

CETACEA

CLEAN POWER FOR CLEAN WATER