

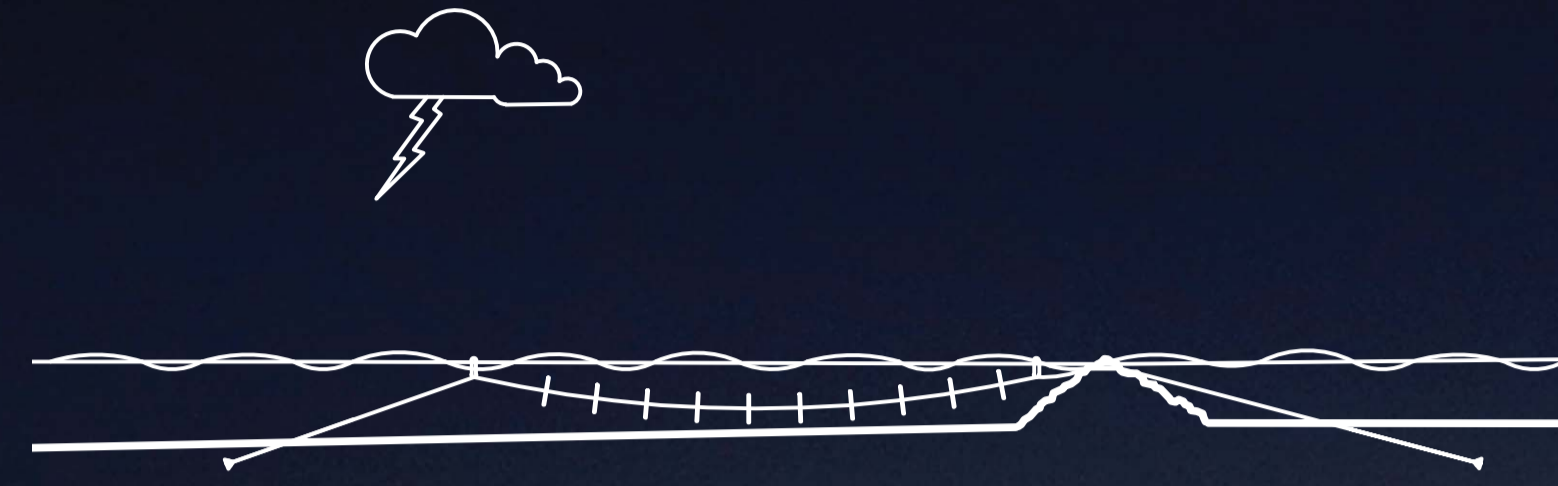
That clean and uninterrupted view, where the sea stretches out before you until it meets the sky, must be preserved. To compromise the horizon with an intrusive installation is to destroy the landscape.

We propose a wave power technology that consists in a network of moving plates, installed on steel wires, which convert the energy of the waves into pressurized water and finally into electricity. Its components are submerged in the ocean, making the system invisible.

A network with 200 energy modules, mounted on 20 strings, will produce an average of 4.200 MWh on an annual basis. That represents the average consumption of 512 houses.



Wave power system section - normal weather



The wave power technology has an emergency system that makes the string submerge when adverse weather conditions



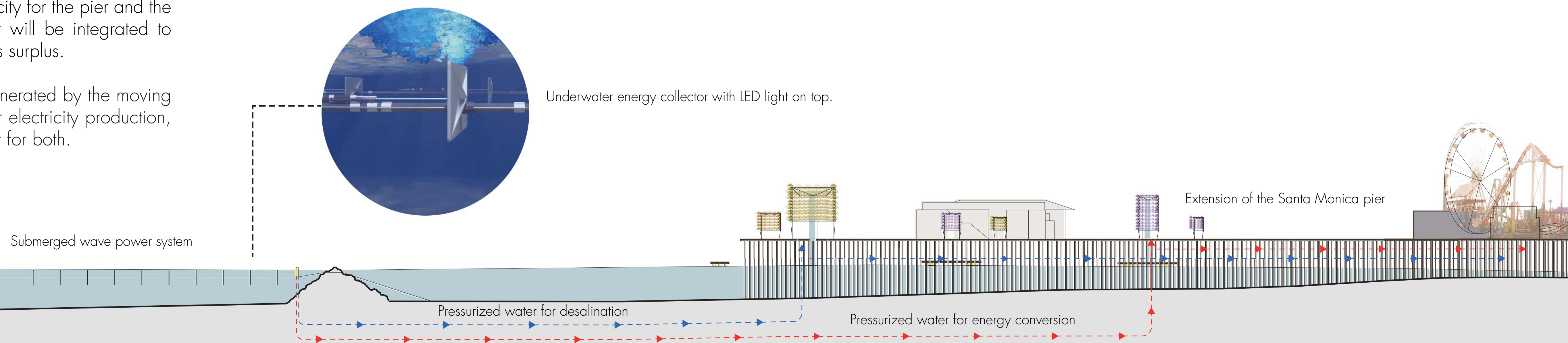
Noctuales fields of lights



Night view from Santa Monica's pier.

The system will supply electricity for the pier and the bioluminescent installation. It will be integrated to the grid, in order to supply its surplus.

The pressurized seawater generated by the moving plates can be used solely for electricity production, for fresh water production, or for both.



Submerged wave power system

Underwater energy collector with LED light on top.

Extension of the Santa Monica pier

Pressurized water for desalination

Pressurized water for energy conversion