

WAVELENGTHS

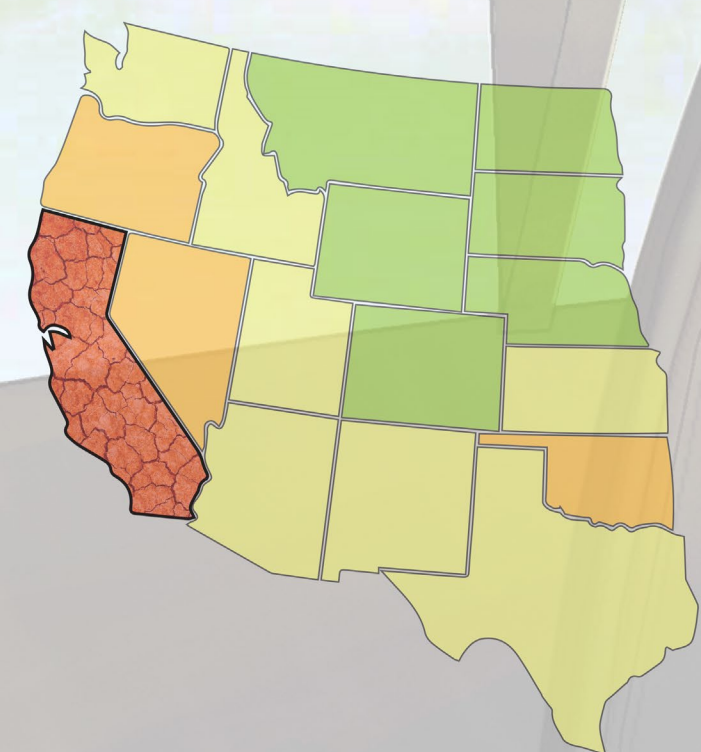
01. The juxtaposition of human experience and ecological energy.

Off the coast of the Santa Monica pier, a spiraling path extends out to the breakwater which holds firm in the face of a constant barrage of current. The installation allows users to interact with a dynamic landscape of saltwater in new ways.

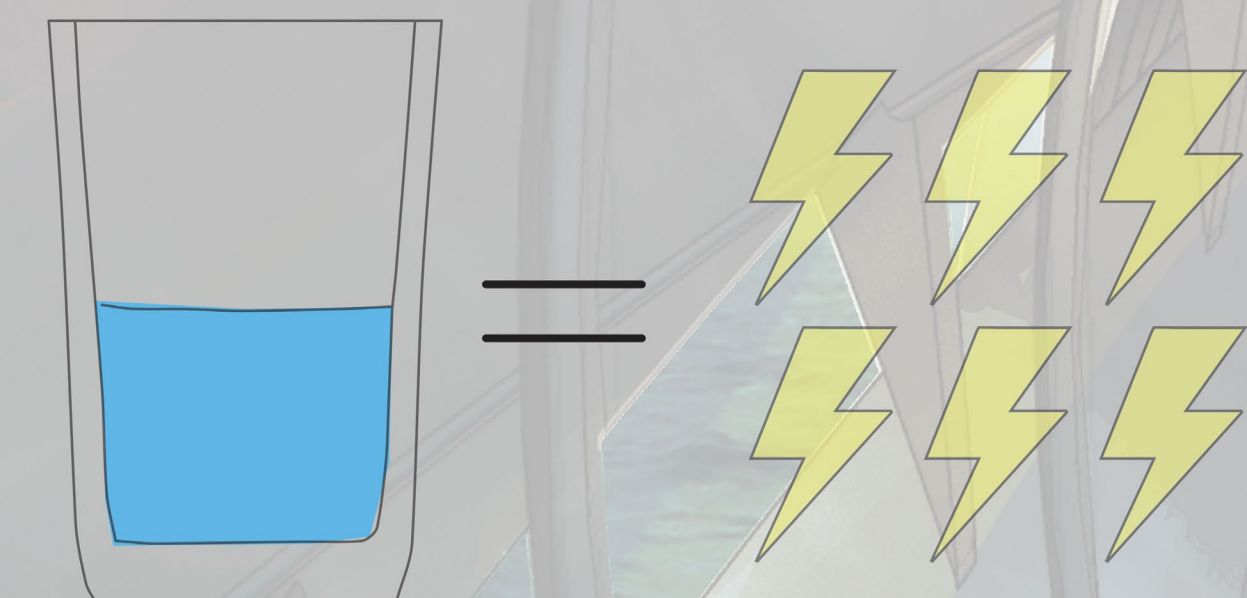
The path is constantly generating a nearly consistent feed of electricity because it functions with surface waves as an input. This system is deployed along path and provides shade and experiential qualities.

In response to the extreme draught in California Wavelengths desalinates seawater to produce clean and potable water to be redistributed throughout the city. This strategy proves especially critical considering up until this point, Santa Monica buys approximately 30 percent of its water from Colorado.

This pathway harvests energies typically unconsidered and unseen, and then visualizes them in a way that allows users to understand their relationship to both their environment and the energy that powers their lives.



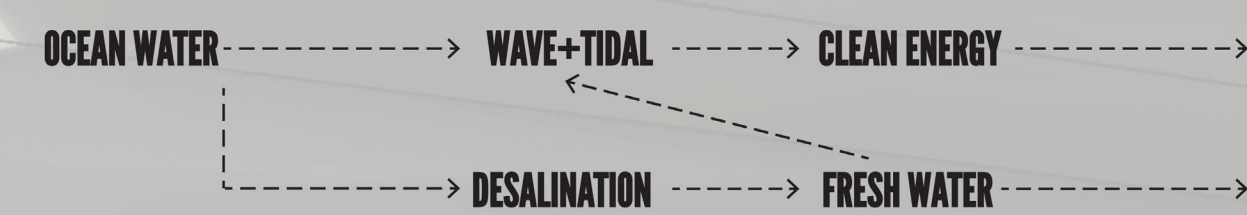
California Drought



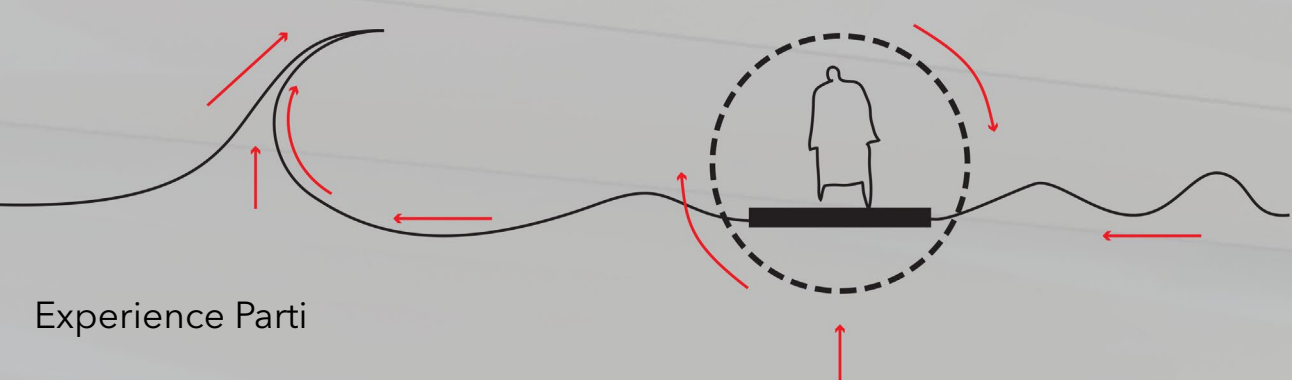
Embodied Energy in the Ocean



Embodied Energy in the Ocean



System Flow Parti



Experience Parti



View Inside the Turbine