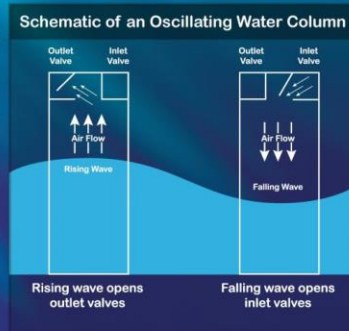


The Wave Mill[®]

Step into the 21st century of economically and environmentally sustainable technology, turning ocean waves into power with Wave Mill technology. This revolutionary technology is a cost efficient scalable ocean wave energy converter with a single unit capacity from 10kw up to 10MW, to increase generating capacity multiple Wave Mills can be deployed as a wave farm. The Wave Mill is a proven technology with full scale prototype tests supported by both the federal and state governments. This state of the art technology has the potential return on investment and profitability within 5 years.

1. The Wave Mill is made up of multiple chambers working as oscillating water columns that are rigidly connected to each other.
2. Each chamber has an inlet and an outlet flap connect accordingly to an inlet and an outlet air duct.
3. When ocean wave passes along the Wave Mill, water rises up in one chamber and pushes air out.
4. In the same motion water drains down in another chamber and pumps air in.
5. Pumping air in and out in an endless cycle until the wave crest passes along the Wave Mill.
6. This cycles creates unidirectional air flow from outlet ducts and inlet ducts.



This cycles converts ocean wave energy into unidirectional endless air flow, this is the most efficient way to convert ocean wave energy into electricity.



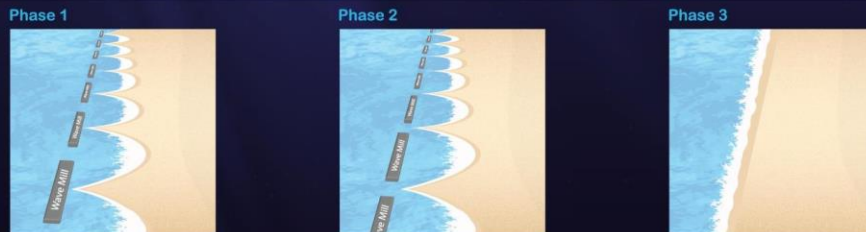
Innovative
Economic
Scalable
Environmental

Coastal Protection

The Wave Mill unit can be used as a nearshore breakwater to reduce the forceful effects of waves on shorelines, by doing this The Wave Mill can prevent and even straighten coastal erosion of shorelines.

As The Wave Mill is a long pontoon, multiple Wave Mill units can be placed along the shoreline. Overtime what is known as the tombolo effect occurs in which sand bars start to form behind the units connecting to the mainland. Once the tombolo effect occurs The Wave Mill units are then relocated in between the tombolo to create a new tombolo effect, this will successfully straighten shorelines.

By having multiple Wave Mill units deployed we can generate large amount of power while simultaneously protecting and straightening the shoreline.

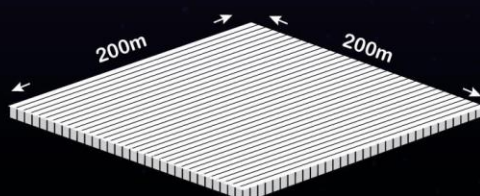


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Floating Foundation

The Wave Mill can be configured and constructed for a multitude of purposes such as floatation and power generation for mobile offshore bases, oil rigs, offshore wind energy projects and many other offshore facilities. The larger the Wave Mill unit the higher increase of overall generating capacity and less cost of kw/h.

The modern oil rig is around 200m x 200m with a power requirement of about 5MW, The Wave Mill unit can be constructed as a floatation foundation for such offshore facilities to generate the necessary power requirements.



Wave Mill Floating Foundation



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