

Membrane Distillation powered by a Wells turbine

- Waves cause an oscillating water column inside the structure, which pushes and pulls air across the Wells Turbine, which spins an electric generator
- Heat from the generator is used to warm seawater and drive a phase change of the water from liquid to vapor in the Membrane Distillation (MD) process. Electricity from the generator is used to circulate water through the system and operate necessary controls.

