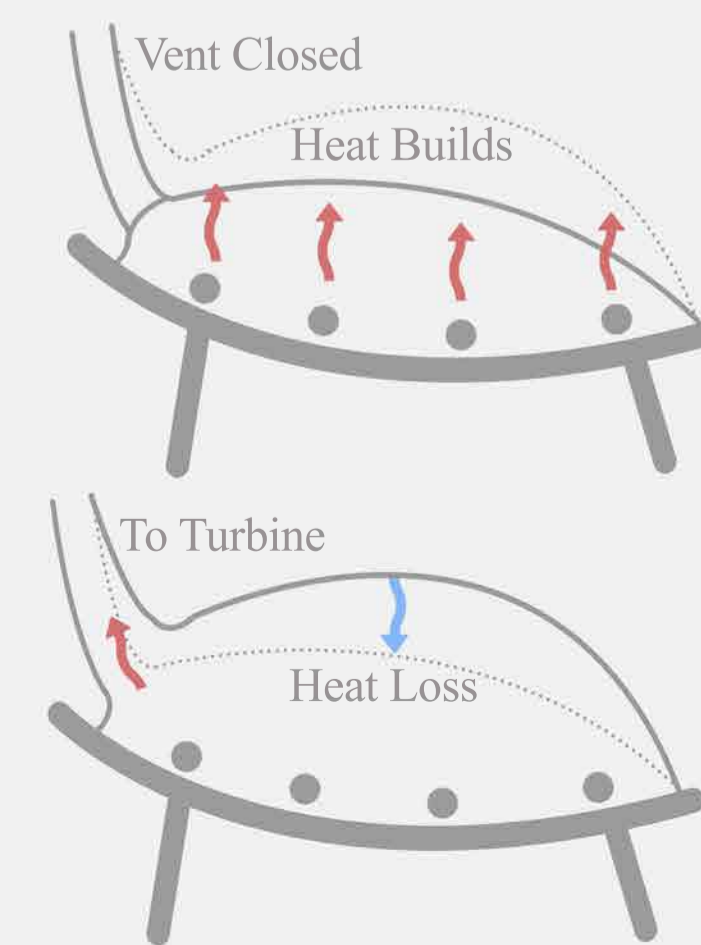


### Energy Generation Scheme

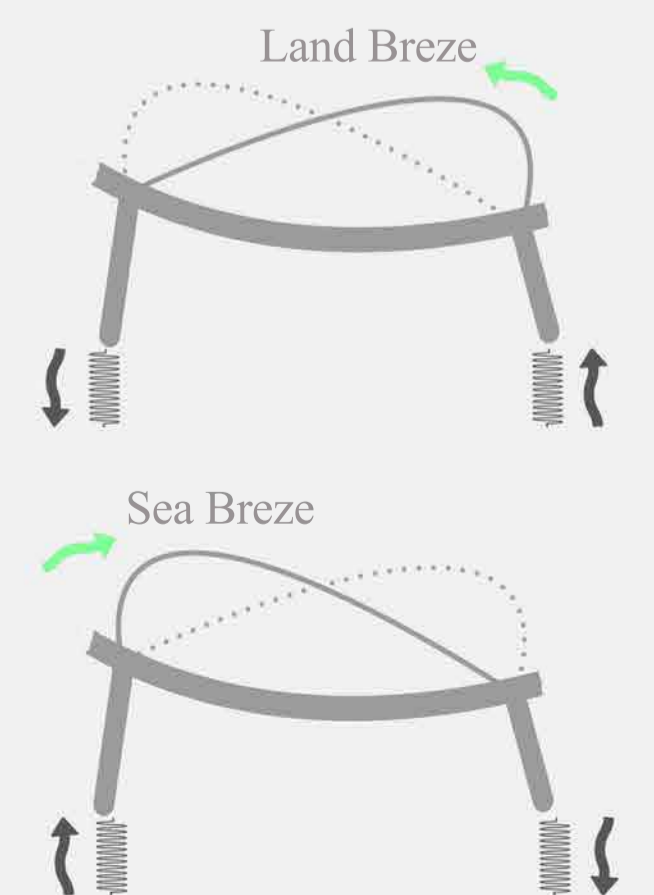
Air inside the membrane receives heat from heat collector. Air is trapped until specific temperature is reached.

When target temperature has been reached, the heated air is released through a vent that leads to the turbine.



Solar Phase

During day time, sea breeze blows from sea to land, lifting the membrane, and generate energy through piezoelectric effect. Wind blows in the opposite direction during night time. The airfoil design of the membrane is able to capture effectively both.



Wind Phase