

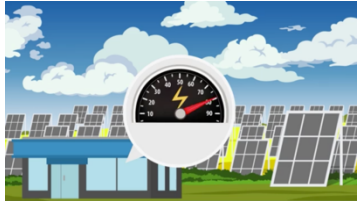

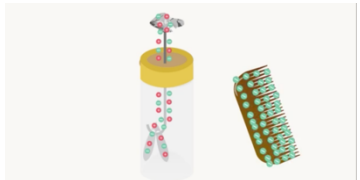
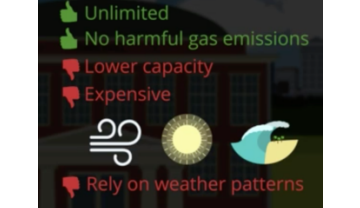


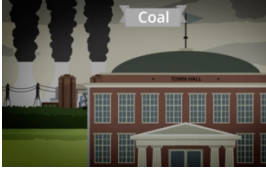
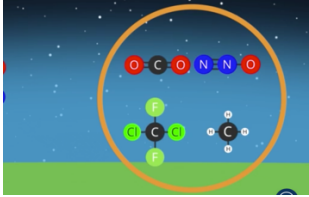



**Binogi Video: [Renewable Energy Sources](#)**  
 English-Add a Language Bilingual Concept List  
The Escape Projects

Concept in English	Add the Concept in another Language	Picture
<p><b>Kinetic Energy</b>            The energy an object or particle has when it is moving. The heavier an object is or the faster it moves, the higher the kinetic energy of that object.</p>		
<p><b>Turbine</b>            A machine that is made up of a series of blades that are spun by pressure from water, steam or air, in order to generate power.</p>		
<p><b>Generator</b>            A machine that generates electricity by converting kinetic energy into electrical energy.</p>		
<p><b>Electrical Current</b>            The rate at which electrical charge flows past a point in a circuit.</p>		
<p><b>Electrical Charge</b>            The amount of electrical energy in a substance based on the number of electrons it has.</p>		
<p><b>Renewable Energy</b>            Energy obtained from natural resources that are able to be restored by natural processes and cannot be used up. Examples include wind, sunlight, moving water.</p>		





<p><b>Non-Renewable Energy</b> Energy obtained from natural resources that are limited in supply or take a long time to replenish. Examples include coal, natural gas, nuclear energy.</p>		
<p><b>Global Warming</b> A gradual increase in the average temperature of the Earth's atmosphere and its oceans due to the presence of gases that trap heat that would otherwise escape from the atmosphere.</p>		
<p><b>Solar Power</b> Electricity generated from the energy of the sun.</p>		
<p><b>Oscillating Water Column</b> A device that generates energy from the rise and fall of water caused by waves and tides.</p>		