



Wind and Solar Energy



Photo: The wind energy park "Schneebergerhof" in Germany © 2011 by Armin Kübelbeck. Some rights reserved through a Creative Commons Attribution-Share Alike 3.0 Unported license.

Battery

(bat·ter·y)



Blade

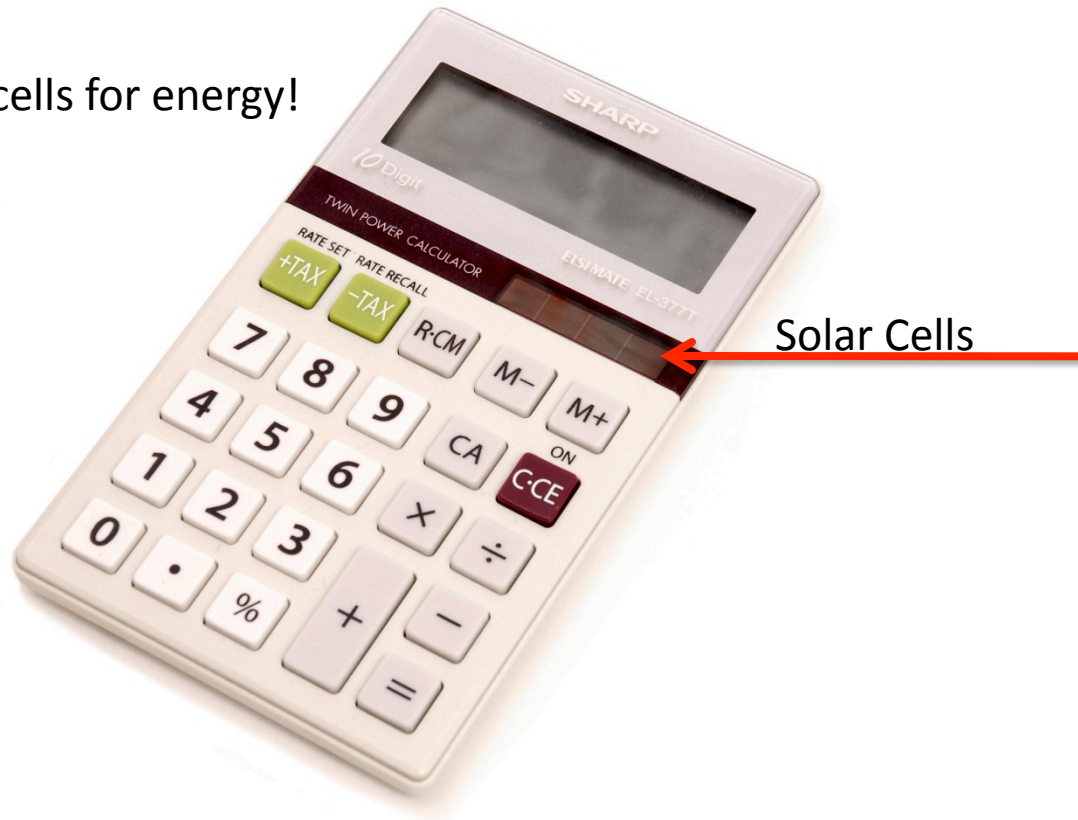
(blade)



Calculator

(cal·cu·la·tor)

This calculator uses solar cells for energy!



Cell

(cell)



Definition: a device that generates electrical energy from chemical energy, usually consisting of two different conducting substances placed in an electrolyte.

Example: These solar cells collect energy generated from chemical interaction with the sun.

Left photo: Solar garden light © 2007 by Childzy. Some rights reserved through a GNU Free Documentation License and a Creative Commons Attribution-Share Alike 3.0 License.

Right photo: The wind energy park "Schneebergerhof" in Germany. © 2011 by Armin Kübelbeck. Some rights reserved through a Creative Commons Attribution-Share Alike 3.0 Unported license.

Consume

(con·sume)

Definition: to completely use time, energy, goods, etc.

Example: This city *consumed* a lot of energy because they kept their lights on all night.



Energy

(en·er·gy)

Definition: power that is used to produce heat, make machines work, etc.

Example: Wind is a kind of reusable *energy*.

Exhaust

(ex·haust)



Left photo: Diesel smoke from a big truck. Photo released into public domain by the Environmental Protection Agency.

Right photo: Automobile exhaust Gas. © 2009 by Ruben de Rijcke. Some rights reserved through a Creative Commons Attribution-Share Alike 3.0 Unported.

Gasoline

(gas·o·line)



Photo: A customer pumps gas at The Army and Air Force Exchange Service gas station at Vandenberg Air Force Base, August 2009. Photo released into public domain by author Airman 1st Class Andrew Lee.

Generator

(gen·er·a·tor)



Photo: Gas powered generator with wheels. © 2004 by en>User:Gbleem. Some rights reserved through a GNU Free Documentation License and a Creative Commons Attribution Share Alike 3.0 License.

Grind

(grind)

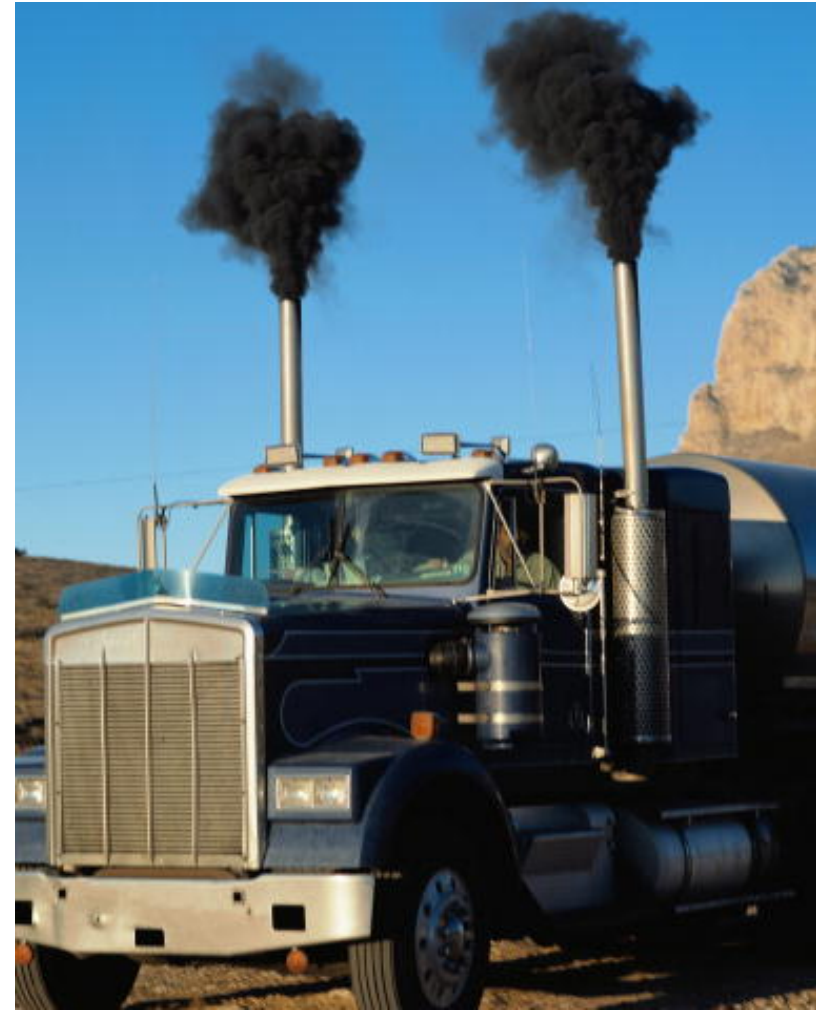
Definition: to crush something such as coffee beans into small pieces or powder.



Example: This windmill *grinds* wheat into flour.

Pollute

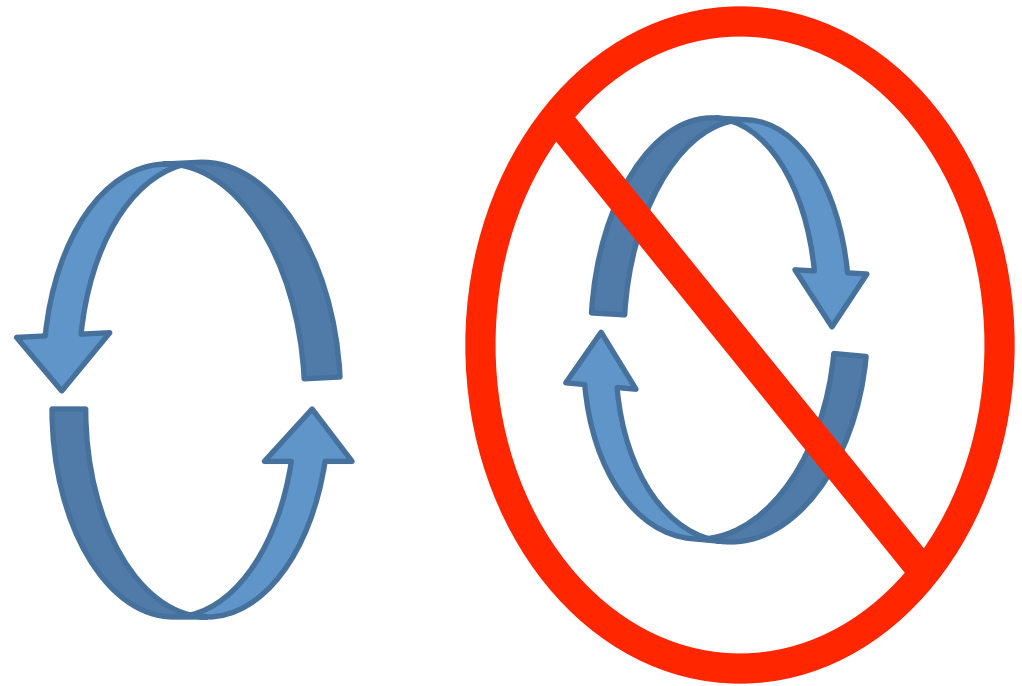
(pol·lute)



Left photo: Active tipping area of an operating landfill in Perth, Western Australia, November 2006. Released into public domain by author Ashley Felton.
Right photo: Diesel smoke from a big truck. Photo released into public domain by the Environmental Protection Agency.

Reverse

(re·verse)



Definition: opposite to what is usual
or to what has just been stated

Example: Wind turbines is like a reverse fan
because they spin in a different direction.



Newly Constructed windmills D4 (nearest) to D1 on the Thornton Bank, 28 km off shore, on the Belgian part of the North Sea.
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Turbine

(tur·bine)

Definition: any of various machines having a rotor, usually with vanes or blades

Example: Wind farms have many *turbines* and each extracts some of the energy of the wind

