QuickReads: Word Pictures™

Wind and Solar Energy

Corresponds to QuickReads Level D, Book 3, *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

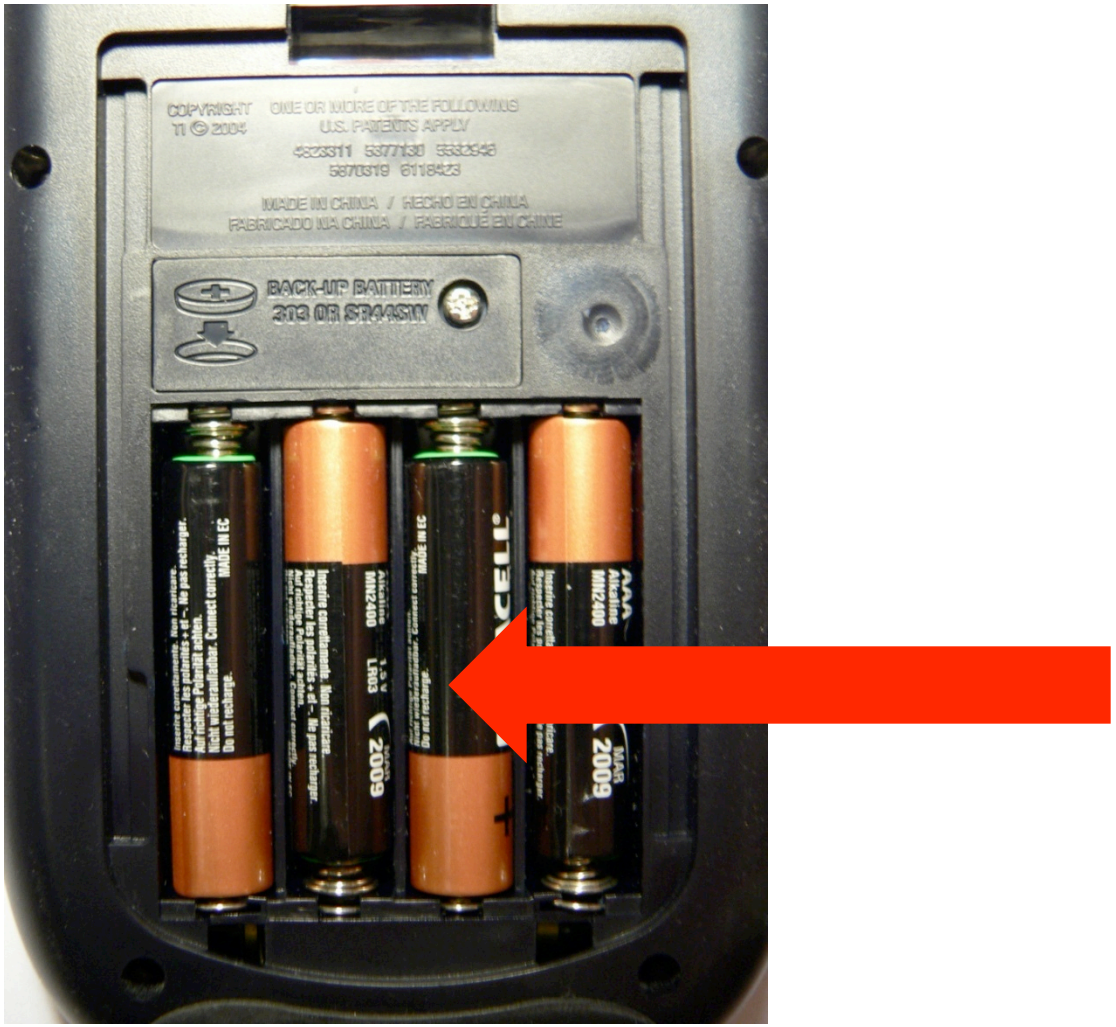
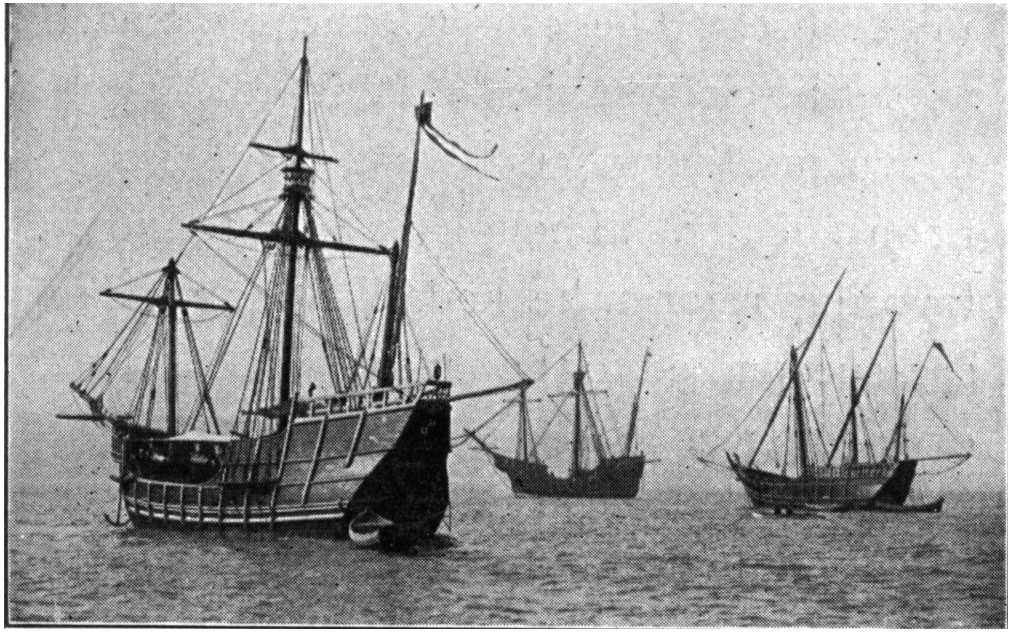


Photo: TI-84 Plus. Taken by. Released into public domain by author Ævar Arnfjörð Bjarmason.

Columbus



Christopher Columbus sailed on ships that used wind power in order to reach the Americas.

Left painting: Christopher Columbus, 1519 by Sebastiano del Piombo. Painting released into public domain because of an expired copyright. Right photo: Pinta, Santa Maria, Nina. Lying in the North River, New York. The caravels which crossed from Spain to be presented at the Word's Fair at Chicago, 1912 , taken by E. Benjamin Andrews. Photo released into public domain because of an expired copyright.

Gasoline

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.

Calculators

This calculator uses solar cells for energy!

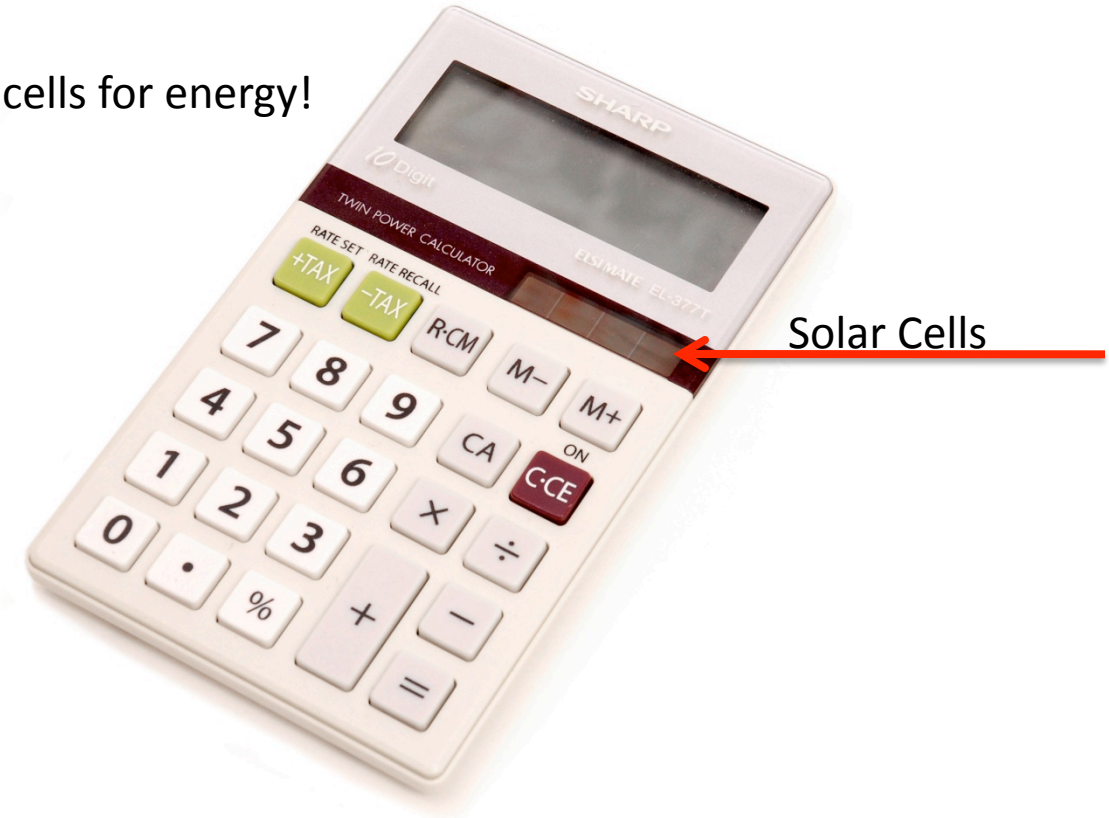


Photo: A basic, Sharp-brand solar calculator. Photo released into public domain by author Evan-Amos.

Generator

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.

Energy

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

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

Photo: Electrical Grid. Photo released into public domain by author Shiftchange.

Grind

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

Example: This windmill *grinds* wheat into flour.

Right photo: Smock Mill, England. © 2008 by Amanda Slater. Some rights reserved through a Creative Commons Attribution-Share Alike 2.0 Generic license.
Left photo: Unsifted wheat flour in a bowl. Released into public domain by author Ranveig.

Turbines

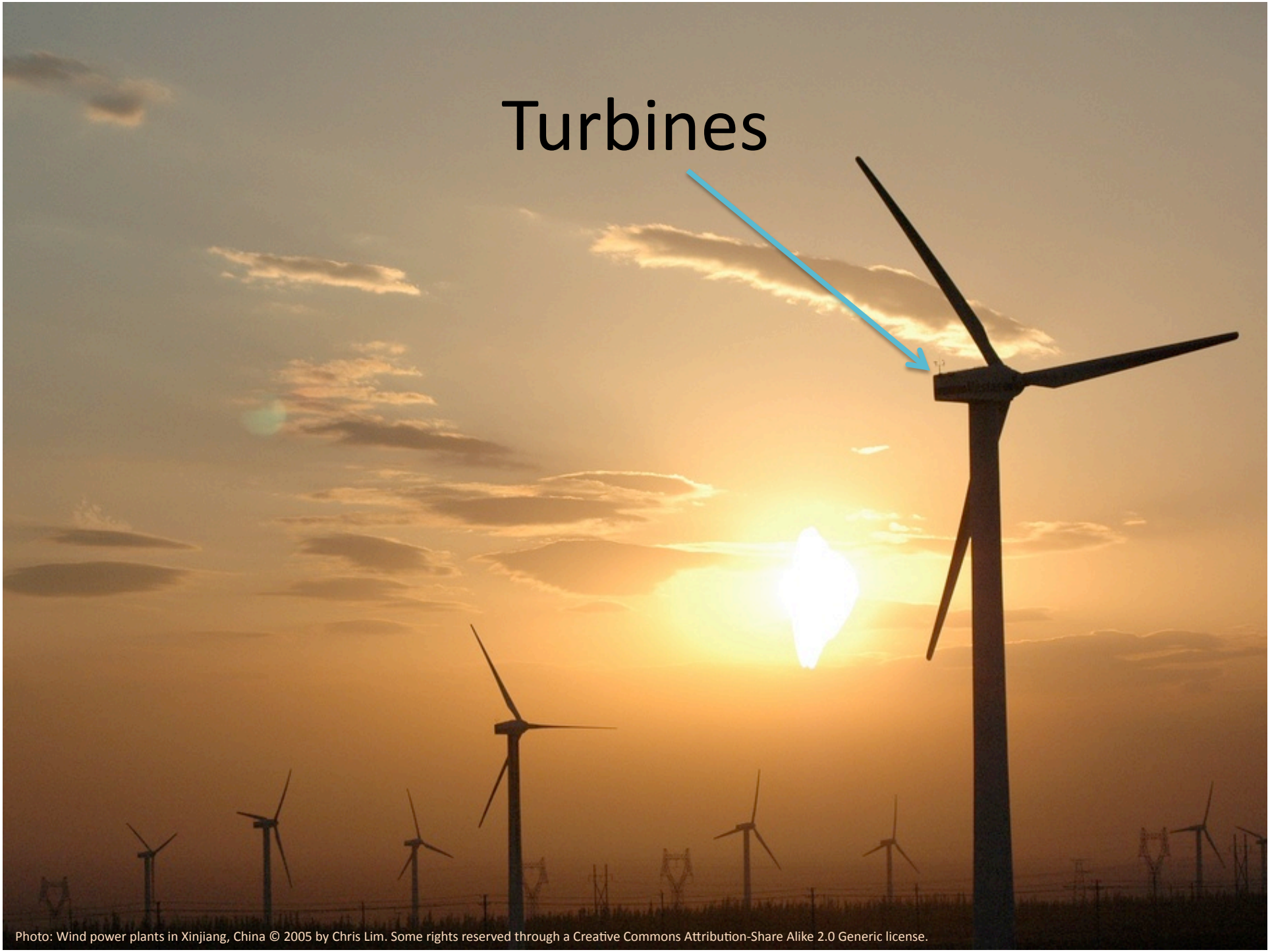
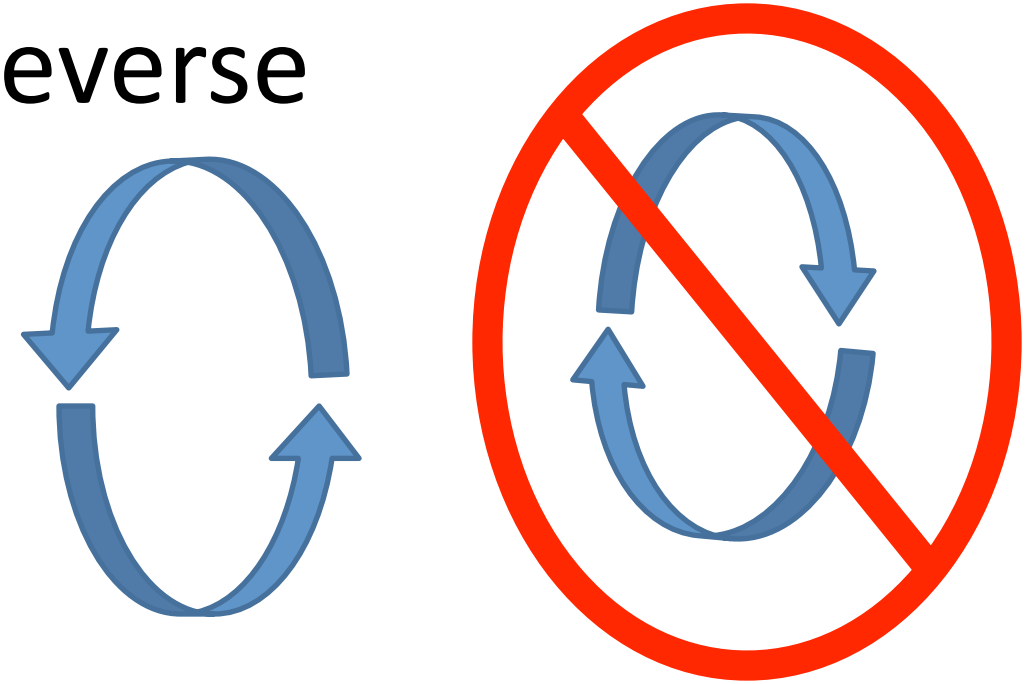


Photo: Wind power plants in Xinjiang, China © 2005 by Chris Lim. Some rights reserved through a Creative Commons Attribution-Share Alike 2.0 Generic license.

Reverse

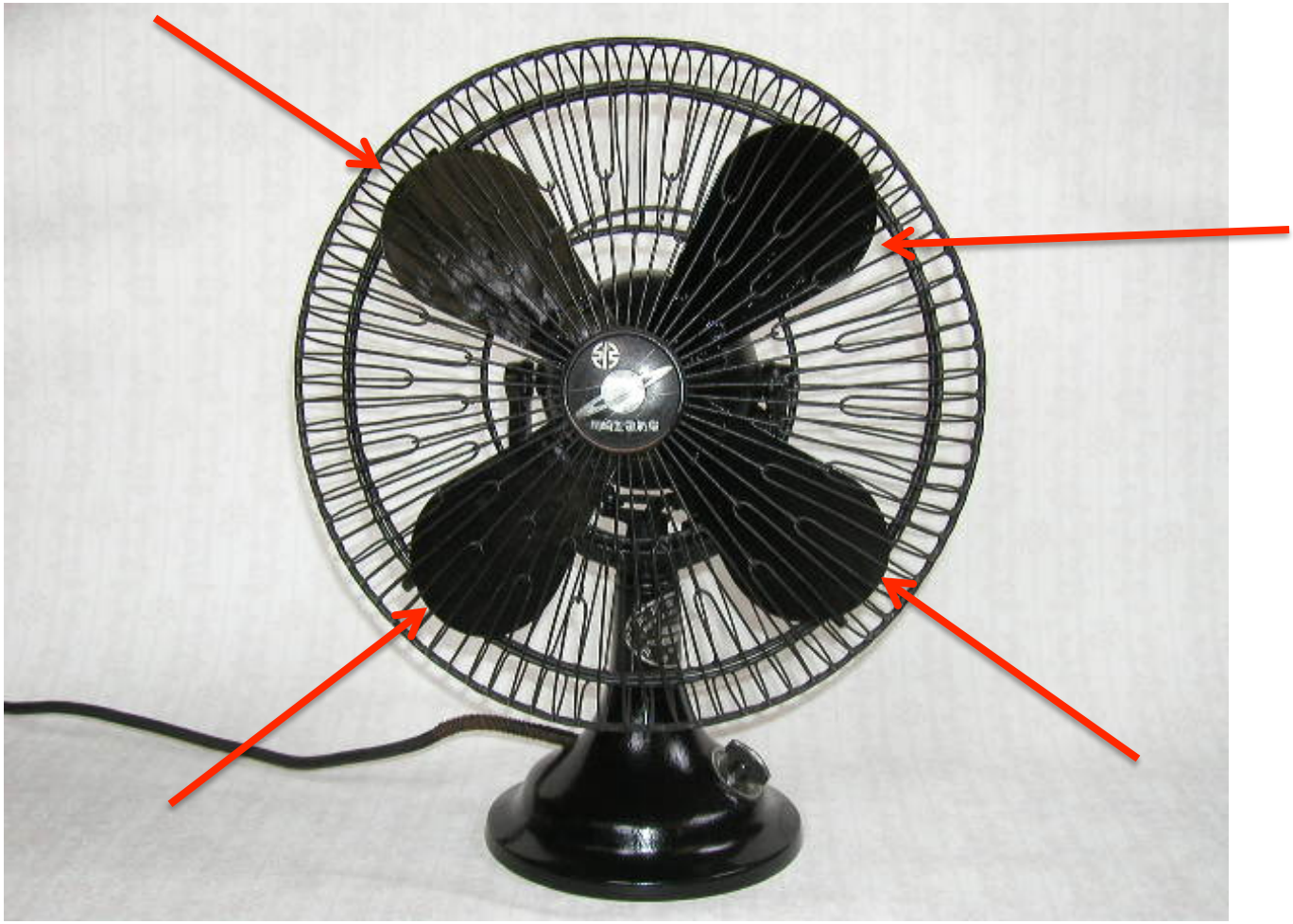


Newly Constructed windmills D4 (nearest) to D1 on the Thornton Bank, 28 km off shore, on the Belgian part of the North Sea.
© 2008 by Hans Hillewaert. Some rights reserved through a Creative Commons Attribution-Share Alike 3.0 Unported License.

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

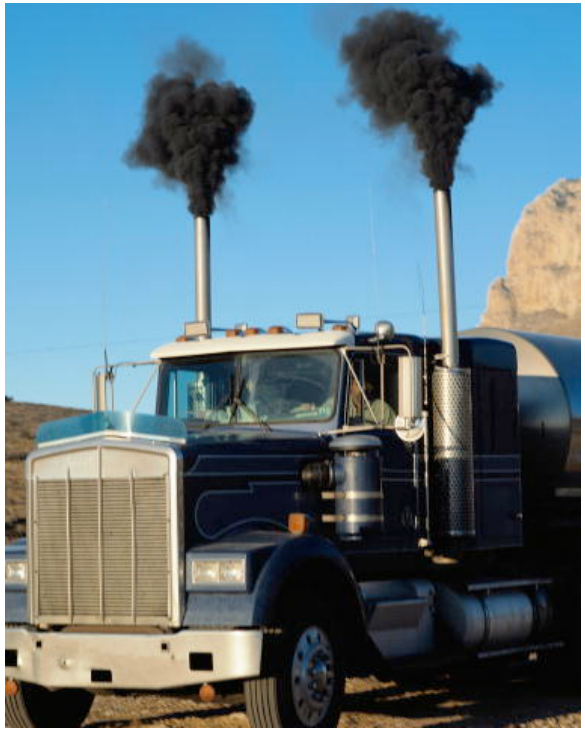
Example: Wind turbines is like a reverse fan
because they spin in a different direction.

Blade



Kawasaki Electric Fan. © 2004 by Shasihinka. Some rights reserved through a GNU Free Documentation License and a Creative Commons Attribution-Share Alike 3.0 Unported License.

Pollute



Left photo: Active tipping area of an operating landfill in Perth, Western Australia, Novemeber 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.

Landscape

Photo: Wild Goose Island at Glacier National Park. © 2008 by Michelle Leigh Miller. Used by permission

Cell

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.

Toaster

Photo: This is a two slice Sunbeam toaster. © 2005 by Donovan Govan. Some rights reserved through a GNU Free documentation license and a Creative Commons Attribution-Share Alike 3.0 Unported license.

Consumed

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

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

Photo: Los Vegas Strip. © 2010 by Lasvegaslover. Some rights reserved through a Creative Commons Attribution 3.0 Unported license.

Exhaust

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.