

ENERGY DAY - MARCH 1



"I urge individuals around the world to stand up, and ask local leaders ... to pledge to purchase cleaner cars, build green facilities, and buy green power like wind or solar energy. Our actions may determine if we become a casualty in the war for a habitable planet for generations to come."

-- Leonardo DiCaprio

Everything needs energy to work – machines, plants and animals. Most of the energy on our planet comes from the sun. Plants convert energy from the sun and store it. When animals eat plants, their bodies use the stored energy to breathe, move and grow. Today humans have many machines that help us to do work, move around and provide heat. These all need energy.

Most machines run on heat or electricity, and much of it is produced by burning coal, oil and natural gas. These are called **fossil fuels**, because they come from ancient plants and animals. They are **non-renewable energy sources** because but they took millions of years to form and there is only a limited supply. Humans will use up most of these stored materials in less than 200 years!

There is an almost unlimited supply of **renewable energy**. It is harnessed from sunlight or from the natural flow of wind or water, or by growing easily replaceable plants that can be turned into biofuel. Conserving energy -- not using energy-consuming machines when you don't have to, and using more efficient machines – is an even wiser energy choice!

Switching to cleaner, renewable energy is becoming more urgent. Burning fossil fuels causes air pollution. Coal mining and oil drilling destroy natural habitats. Scientists are concerned about the terrible events that may happen because of global climate change caused by burning fossil fuels. As the public becomes more aware of the reasons to switch to renewable energy, governments are paying attention.

Energy Day on March 1 is an opportunity to raise awareness in your community about renewable energy sources and ways to conserve energy. We can create a more sustainable, cleaner and safer world by making wiser energy choices.

Do One Thing for a Better World

1. Find out more
2. Urge national leaders to fund renewable energy research
3. Urge local leaders to use renewable energy sources
4. Conserve energy go green
5. Support organizations promoting renewable energy

Renewable Energy Links

- Alliant Energy Kids (alliantenergykids.com)
- Alternative Energy Network (alternate-energy.net)
- Enersol (enersol.org)
- National Renewable Energy Lab. (nrel.gov)
- Re-energy.ca
- Solar Electric Light Fund (self.org)
- Solar Energy Intl. (solarenergy.org)

DO ONE THING

The Emily Fund - Education, Mentorship, Inspiration, Leadership, Youth for a better world

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