











Vhat's Your BetterWorld Issue:





Renewable Energy













Do One Thing for a Better World.

Together We Make a World of Difference!

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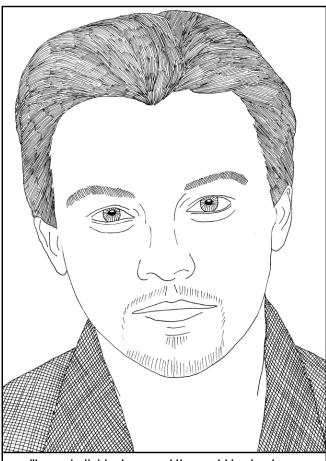








RENEWABLE ENERGY



"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.

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- 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





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"The two most abundant forms of power on earth are solar and wind, and they're getting cheaper and cheaper..."
-- Ed Begley, Jr.

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"Under the rule of the 'free market' ideology, we have gone through two decades of an energy crisis without an effective energy policy. Because of an easy and thoughtless reliance on imported oil, we have no adequate policy for the conservation of gasoline and other petroleum products. We have no adequate policy for the development or use of other, less harmful forms of energy." -- Wendell Berry

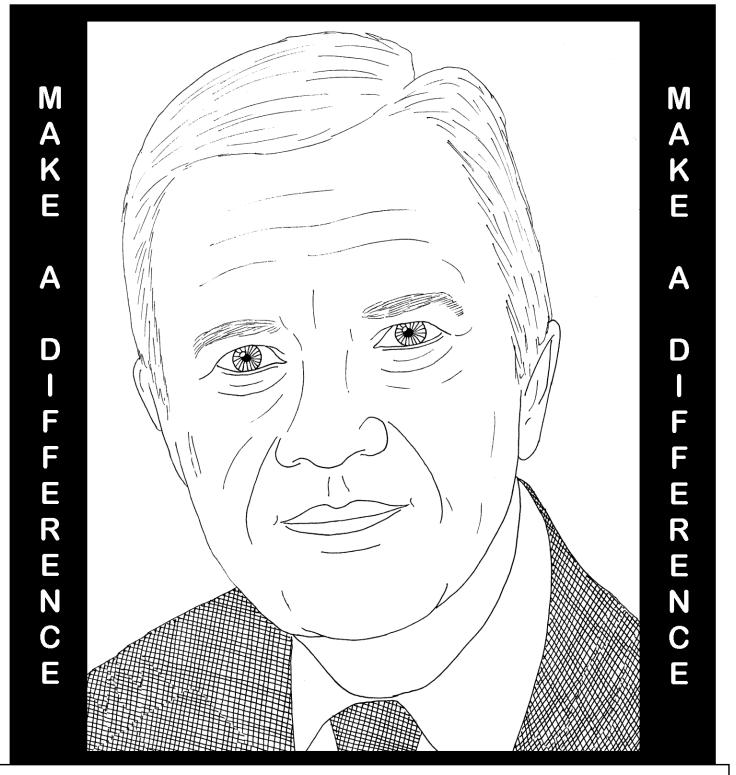
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"Is the minor convenience of allowing the present generation the luxury of doubling its energy consumption every 10 years worth the major hazard of exposing the next 20,000 generations to this lethal waste?"

-- David Brower

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"Because we are now running out of gas and oil, we must prepare quickly for a third change, to strict conservation and to the use of ... permanent renewable energy sources, like solar power."

-- Jimmy Carter

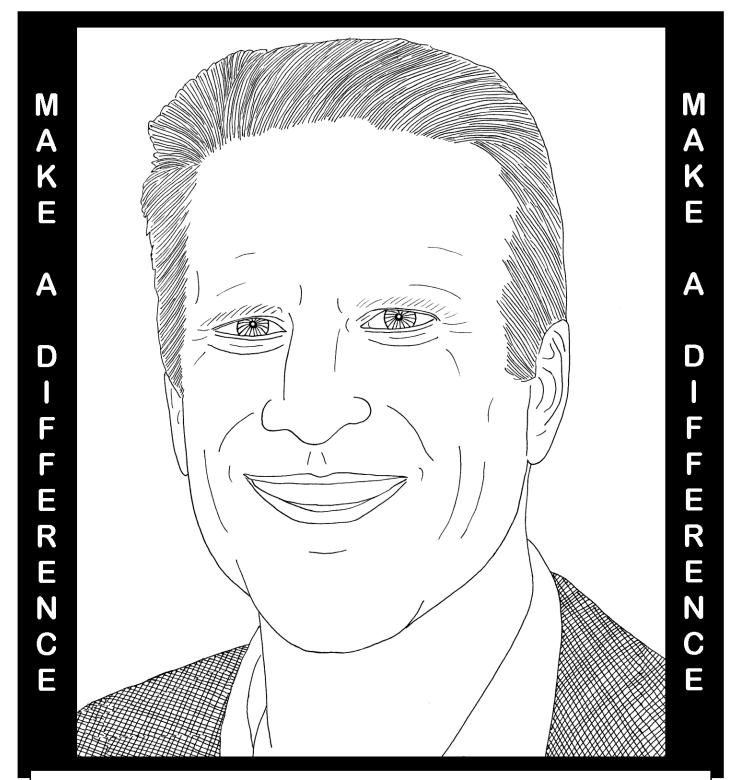
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"...Nuclear energy is by no means clean. We don't know what to do with the waste we already have and it seems like a bad idea to me to make more when we have so many cleaner options such as wind and solar."

-- Sheryl Crow

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"You have to work with the auto industry, the oil companies, you have to work to develop renewable fuel, whether it's solar or different kinds of fuel..."

-- Ted Danson

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"I urge individuals around the world to stand up, and ask local leaders, if they haven't already, 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

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"The use of plant oil as fuel may seem insignificant today.

But such products can in time become just as important as kerosene and these coal-tar-products of today."

-- Rudolf Diesel (who invented the diesel engine to run on peanut oil)

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"Human beings should only use technology which if the worst case happens, it leads to an acceptable damage. Definitely nuclear energy is not in that category."

Hans-Peter Dürr

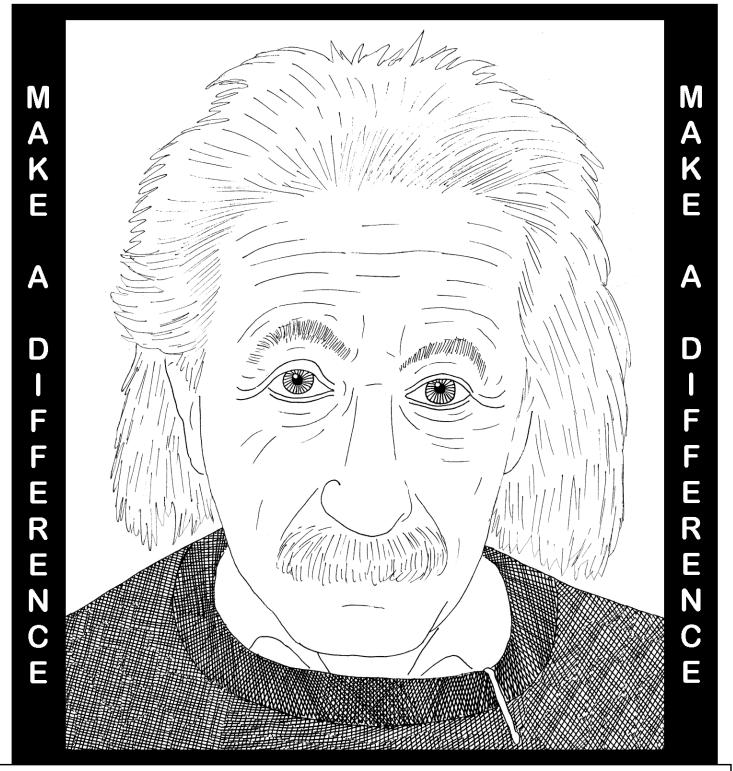
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"We should not be drilling for oil anywhere because burning oil and coal and natural gas is what's destroying our environment, our climate. And we need the climate if we're going to eat."

-- Paul Ehrlich

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"Since I do not forsee that atomic energy is to be a great boon for a long time, I have to say that for the present it is a menace. Perhaps it is well that it should be. It may intimidate the human race into bringing order into its international affairs, which, without the presence of fear, it would not do."

-- Albert Einstein

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"I think we should be developing every kind of alternative fuel that is available to us. That includes hydrogen to soybeans, from solar to wind. Whatever we can find that is going to help us clean up the environment we should be working really hard on developing."

-- Morgan Freeman

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"There is no energy crisis, only a crisis of ignorance."
-- R. Buckminster Fuller

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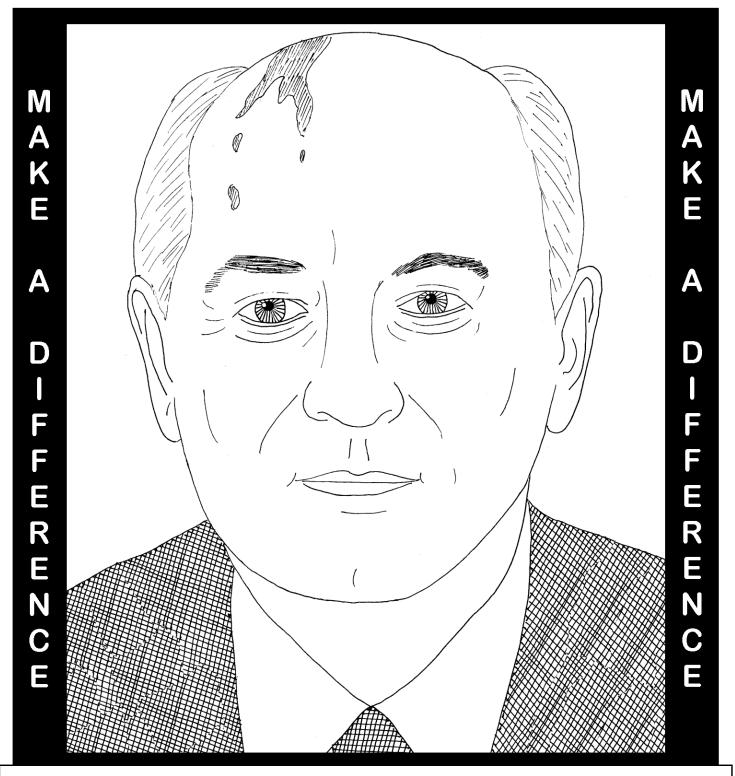
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"Ultimately, I believe -- because energy is so central to our lives -- that a common global project to rewire the world with clean energy could be the first step on a path to global peace and global democracy -- even in today's deeply troubled world."

-- Ross Gelbspan

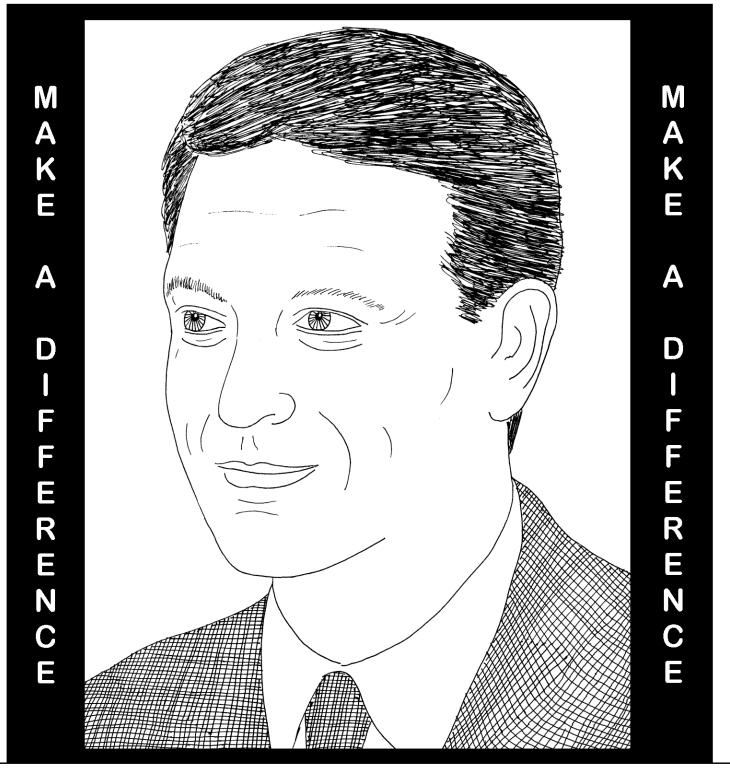
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"...the accident at the Chernobyl nuclear plant...has painfully affected the Soviet people, and shocked the international community. For the first time, we confront the real force of nuclear energy, out of control."

-- Mikhail Gorbachev

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"The answer is to end our reliance on carbon-based fuels...If we succeed, we create booming new industries, wealth, clean secure energy and maybe we prevent the greatest disaster so far in human history, saving millions of lives while improving billions more. If we fail, basically it's business as usual while things slowly get worse all around us."

-- Al Gore

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M R E R E N

"To me, the path to a sustainable energy future seems very obvious. We have to find a way to tap into a very small fraction of the sun's energy to convert it to a form suitable for supplying what are in fact the relatively small additional requirements of modern life."

-- Martin Green

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M M A A K K E E A Α D D E E R R E E N N C C E

"I love the idea that biodiesel has the potential to support farmers, especially the family farms."
-- Daryl Hannah

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"America has the technology and resources to meet all its energy needs while safeguarding the earth's climate.

The urgent question now is, 'Do we have the will?' "

-- Denis Hayes

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"We can dream together a dream of a better world, an ever-renewing, organic-based earth-community. I believe we can achieve a large part of it in our lifetime."
-- Randy Hayes

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"What do oil company executives, vampires and NASA bureaucrats all have in common? They fear solar energy."
-- Michio Kaku

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M M A A K K E E A A D D E E R R E Ε N N C C E

"It is time for a sustainable energy policy which puts consumers, the environment, human health, and peace first."
-- Dennis Kucinich

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> "Breaking America's oil addiction would not lead to a future of sackcloth and ashes." -- Colman McCarthy

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> "The use of solar energy has not been opened up because the oil industry does not own the sun." -- Ralph Nader

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> "I see this [biodiesel] as a way for the farmer to grow fuel and food and put him back in business again."
> -- Willie Nelson

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"I believe that the U.S. can and should be a global leader in the development of alternative energy sources..."
-- Barack Obama

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"If we want energy security, then we have to reduce our appetite for fossil fuels. There's no other way. Other issues may crowd the headlines, but this is our fundamental challenge. Big challenges require bold action and leadership...The measure of our success will be the condition on which we leave the world for the next generation." -- Robert Redford

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M M E E Α D E E E N

"It's very important that we expand our use of clean energy and make a long-term commitment to it."

-- Julia Roberts

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"Every time you look up at the sky, every one of those points of light is a reminder that fusion power is extractable from hydrogen and other light elements, and it is an everyday reality throughout the ilky Way Galaxy."

-- Carl Sagan

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"First, there is the power of the Wind, constantly exerted over the globe...Here is an almost incalculable power at our disposal, yet how trifling the use we make of it."

-- Henry David Thoreau

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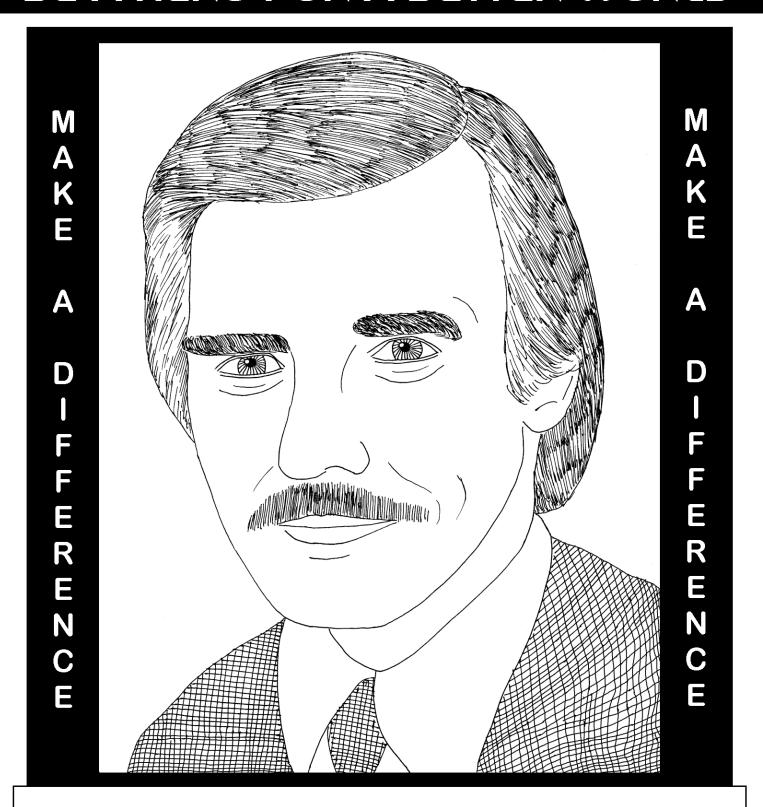
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"Mining is like a search-and-destroy mission."
-- Stewart Udall

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"The Age of Oil has really exhausted its usefulness, and it has actually become a danger to our lives and our ability to survive on the planet."

-- Dennis Weaver

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M A K E D - F F E R E Z C E

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"Energy Policy will be and should be driven by environmental policy in the future." -- Timothy Wirth

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