

Sources of Energy

The world's energy resources are plentiful and varied, but traditional sources of energy are creating increasingly harmful problems. Fossil fuels, such as oil, coal, and gas, are non-renewable energy sources and will eventually be depleted, and they are causing significant changes in the Earth's climate. Other sources, such as nuclear power and hydroelectric dams, do not contribute to climate change, but they have their own issues, such as the production of deadly nuclear waste and the flooding and destruction of local ecosystems. Many countries are now seeking to reduce or even eliminate their traditional sources of electricity and switch to renewable energy sources, such as solar power, wind power, geothermal power, and even electricity from biogas power.

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However, this is not enough. We must also seek to save energy to reduce the need for new power generation, allowing non-renewable sources to be retired as renewable sources are installed. We can accomplish this by reducing our waste energy, reusing what we have, and recycling what we have used.

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Can you name three fossil fuels?

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What harm can be caused by hydroelectric dams?

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What do you do to reduce the energy you use?