



# Why are non-renewable energy resources considered finite

A non-renewable resource (also called a finite resource) is a natural resource that cannot be readily replaced by natural means at a pace quick enough to keep up with consumption. [1] An example is carbon-based fossil fuels.

**Introduction.** As we noted in Chapter 12, the reserves of non-renewable resources are inexorably diminished as they are extracted from the environment and used in the human economy. This is because non-renewable resources are finite in quantity and their stocks do not regenerate after they are mined.

**Fossilized Energy.** According to the Central Intelligence Agency, the world generates more than 66 percent of its electricity from fossil fuels, and another 8 percent from nuclear energy. Nonrenewable energy comes from sources that ...

Nonrenewable energy resources (also called a finite resource) are resource that does not renew themselves at a sufficient rate for sustainable economic extraction in meaningful human time frames. At present, the main energy source used by humans is nonrenewable fossil fuels.

**Why are non-renewable resources considered finite? Flexi Says:** Nonrenewable resources are natural resources that exist in fixed amounts and can be used up. Examples include fossil fuels such as petroleum, coal, and natural gas. These fuels formed from the remains of plants over hundreds of millions of years.

However, the potential lifespan of these historic patterns remains unclear, especially given that mineral resources are finite and other aspects that influence metal and mineral production, such as energy costs and environmental and social issues, are becoming increasingly important.

Nonrenewable energy resources include coal, natural gas, oil, and nuclear energy. Once these resources are used up, they cannot be replaced, which is a major problem for humanity as we are currently dependent on them to supply most of our energy needs.



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