

Which energy resource is renewable brainly

What are the different types of energy sources?

Energy is a fundamental requirement for modern civilization, and its generation comes from both renewable and nonrenewable resources. Solar Power: Energy from sunlight using solar panels. Wind Power: Energy from wind using turbines. Hydropower: Energy from the movement of water in rivers, dams, or tidal currents.

Are fossil fuels a renewable resource?

Fossil fuels are a type of renewable resource. Renewable resources are artificial. Renewable resources replenish quickly. Large quantities of renewable resources can be produced at once. c.) they replenish quickly

Is food a renewable resource?

Food is a renewable resource. It is always obtained from outside the local ecosystem. The passage is primarily about the renewability of minerals, not food.

What is nonrenewable energy?

Solar Thermal Power: Uses sunlight to produce heat, which then generates electricity (different from photovoltaic solar power). Generally speaking, fossil fuels and anything mined from the ground counts as nonrenewable. This includes minerals, elements, chemicals for batteries, and nuclear fuels.

Which items are renewable?

The food we eat, crops that supply materials for various purposes, and anything relating to energy from the Sun or Earth are renewable. Air and water are also renewable, up to a point. Agricultural Products: Crops and livestock regenerate seasonally or annually. Wild food sources are also renewable with management.

Is water a renewable or nonrenewable resource?

Some resources are technically renewable, yet their replacement isn't quite fast enough for sustainability. For example, depending on the situation, water is either a renewable or nonrenewable resource. In its natural cycle, water is considered renewable.

ATP, or Adenosine Triphosphate, is best described as a renewable energy resource for the cell. It is created in the cell's mitochondria and provides energy for biological processes. Explanation: ATP stands for Adenosine Triphosphate. It is appropriately described as a renewable energy resource for the cell. ATP is made in the mitochondria of ...

Renewable resources includes biomass energy, hydropower, geothermal power, wind energy, and solar energy.. Renewable resources are an energy source that cannot be drained and are able to give a endless source of clean energy. They include the sun, wind, water, geothermal, and biomass. Renewable energy sources are ample and all around us like fossil ...

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Which of the following statements about renewable energy resources is true? Select one: a. Using renewable energy resources never harms the environment. b. There are endless supplies of all renewable energy resources. c. All renewable energy resources are cheap to use. d. None of these.

According to the International Energy Agency, renewable energy sources accounted for almost 30% of global electricity generation in 2021, and this share is expected to grow in the coming decades. This shift shows that renewable resources are not only viable but increasingly essential for reducing our reliance on finite resources like fossil fuels.

renewable energy, usable energy derived from replenishable sources such as the Sun (solar energy), wind (wind power), rivers (hydroelectric power), hot springs (geothermal energy), tides (tidal power), and biomass ...

1) Solar and wind energy are derived from renewable resources, while coal and oil are derived from nonrenewable resources. 2) Hydropower and geothermal energy are derived from renewable resources, while natural gas and nuclear energy are derived from nonrenewable resources. 3) Biomass and tidal energy are derived from renewable resources, while ...

The correct answer is option C: it takes much longer than a lifetime to form. Peat is a non-renewable energy resource due to the fact that it takes millions of years to form. Peat is formed from the accumulation and partial decay of plant material in wetland environments, and it can take over 1,000 years for just one meter of peat to form.

A) Renewable energy resources such as solar energy and wind energy will eventually be depleted. B) Renewable resources cause more greenhouse gas emissions than nonrenewable energy resources. C) Renewable energy sources require large-scale solar panel and wind turbine projects that some communities oppose. D) Renewable energy resources are ...

In any discussion about climate change, renewable energy usually tops the list of changes the world can implement to stave off the worst effects of rising temperatures. That's because renewable energy sources, such as solar and wind, don't emit carbon dioxide and other greenhouse gases that contribute to global warming. Clean energy has far more to ...

Renewable Resources. Renewable resources can be replenished by natural processes as quickly as humans use them. Examples include sunlight and wind. ... Wind is a renewable resource. Wind turbines like this one harness just a tiny fraction of wind energy. Living things are considered to be renewable. This is because they can reproduce to replace ...

Wood is a renewable resource. It has always been a traditional source of fuel. Considered a biofuel, timber is

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burned directly or converted into products such as wood ethanol or wood pellets.. Thus, Replacing fossil fuels with biofuels, which are fuels made from organic materials that are renewable, has the potential to lessen some of the negative effects of fossil ...

Renewable resources can regenerate or be replenished over time, while nonrenewable resources cannot. The question is about identifying renewable resources. Among the list provided - plastic bottles, pinto beans, and precious metals - ...

Advantages of Renewable Energy: Environmentally Friendly; Low Operating Costs; Sustainability; and Job Creation.. Disadvantages of Renewable Energy: High Initial Costs; Land Use; Intermittency; Resource Variability; and Environmental Impact.. The renewable energy sources like solar, wind, and hydroelectric energy generate little or no greenhouse gases, ...

Energy is a fundamental requirement for modern civilization, and its generation comes from both renewable and nonrenewable resources. Examples of 10 Renewable Energy Sources. Solar Power: Energy from sunlight using solar panels. Wind Power: Energy from wind using turbines. Hydropower: Energy from the movement of water in rivers, dams, or tidal ...

Wind, sunlight, water, and geothermal heat are examples of renewable energy sources contrast, non-renewable energy sources are finite and will eventually run out. These include coal, petroleum, and natural gas, which are the most common sources of energy in the world today.Wind is a source of clean, non-polluting energy that can be harnessed ...

Wind and Solar energy are good examples of Renewable resources because they are easily provided abundantly by nature.. What are other examples of Renewable Resources?. Other examples of Renewable Resources are:. Falling Water; The heat of the Earth (Geothermal Energy) Ocean Currents; The Energy of Tides; Biomass

The renewable energy resources from the options provided are biomass, geothermal, hydroelectric, solar, and wind. These resources are replenished naturally within a short timeframe and are considered sustainable sources of energy. For example, solar energy is derived from the Sun and is virtually inexhaustible.

The process that identifies where renewable resources are located and assesses their potential contribution to our nation's energy needs is renewable energy mapping. This involves creating visual representations, such as maps, to analyze and understand the distribution and potential of renewable energy sources.

Answer: Renewable and Non-renewable resources are discussed below: Renewable energy: are those energy that can be used again and again and it re-new after a short period of time. it is generally defined as that kind of energy resources that can be renewed naturally. Renewable sources of energy can replace conventional sources of energy which ...

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An energy resource that can be replaced by nature in a relatively short time is known as a(n): a. replaceable energy resource b. renewable energy resource c. inexhaustible energy resource d. non-renewable energy resource

These resources are eco-friendly and does not cause any pollution in the environment. Geothermal energy is the energy stored and produced in the earth. This energy can be renewed and replenish easily. Hence, geothermal energy is considered as renewable source of energy. This energy is eco-friendly as compared with the fossil fuels.

Answer: wind is the correct answer. Explanation: wind is a renewable energy resource whereas coal, petroleum and natural gas are non renewable energy resources.. Renewable resources are those resources that can be replaced naturally that why it is unlimited in supply and it can be used regularly whereas nonrenewable resources are those which cannot ...

Hydropower remains crucial as it is clean, renewable, and ultimately driven by solar energy. Explanation: The First Industrial Renewable Energy Resource. The first industrial energy resource among renewable sources is hydropower. Historically, hydropower has been utilized for centuries, dating back to ancient civilizations that used water ...

Energy sources are categorized into renewable and nonrenewable types. Nonrenewable energy sources are those that exist in a fixed amount and involve energy transformation that cannot be easily replaced. Renewable energy sources are those that can be replenished naturally, at or near the rate of consumption, and reused.

The benefit of using renewable energy resources is that they are sustainable and inexhaustible. They can be replenished naturally in a relatively short period of time, unlike non-renewable energy resources such as fossil fuels. Renewable energy resources include solar, wind, hydro, geothermal, and biomass energy.

Renewable energy integrates with efforts for a sustainable society, supporting equitable resource management, cleaner air and water, and a reduction in ecological conflicts. It also opens up new opportunities with technologies advancing towards carbon-neutral, efficient, and affordable energy solutions accessible worldwide.

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