



# Which energy source does not originate from the sun

Which energy source does not come from the Sun?

Humans use around 1 TW of nuclear fuels, and this energy does not originate from the Sun. Instead, nuclear fuels are left over from the explosion that started the solar system. This 1 TW is part of the 0.02% that doesn't come from the sun. As well, the geothermal flow is another energy source that doesn't originate from the Sun.

Is the Sun a source of energy?

The sun emits energy from itself to us. It's a source in the sense that it delivers energy to Earth, but that's just a transfer. The sun is not a source in the sense of creating energy. There is nuclear fusion in the sun which converts mass energy to electromagnetic and other types of energy, but as you say, that's a conversion, not creation.

Is geothermal energy derived from the Sun?

Geothermal energy is not derived from the Sun. Instead, it refers to the gathering of heat produced by the Earth's core. The Earth's core generates massive amounts of heat, which can, in turn, be used to produce high amounts of energy.

Is solar energy the only source of energy on Earth?

Although the solar energy flow is the most dominant flow, it is not the only source of energy on the Earth. Energy from the use of nuclear fuels, as well as energy due to the tides and the thermal energy from the centre of the Earth all contribute to the total energy on the Earth.

Which energy source does not rely on the Sun?

The most obvious energy sources that rely on the sun are solar, which draws energy directly from it, and hydropower, which needs the sun because as the sun heats the Earth, water evaporates and reforms as clouds to replenish this resource. The energy source that does not rely on the sun is not mentioned in the passage.

What is the main source of energy?

Slide 1 of 4, The Sun, The Sun is the Earth's main source of energy Heat from the Sun warms the Earth and all the things on it. Light from the sun can be used to generate electricity. This is known as solar power and is a form of renewable energy. (Dennis Hallinan /Alamy Stock Photo)

Which energy resource does not derive its energy from the Sun? Login. Study Materials. ... whereas nuclear fission does not derive its energy from sun. Suggest Corrections. 3. Similar questions. Q. Which of the following sources of energy are not derived from the sun ? Biomass, wind, Ocean thermal energy, Geothermal energy, Nuclear fuels ...

Energy sources that originate from the sun are solar energy and geothermal energy. Solar energy is derived



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directly from the Sun's radiation. Solar panels and photovoltaic cells capture sunlight and convert it into electricity or heat for various applications.

Sources of energy from the Sun-Earth's resources which originate from the Sun. GCSE Keywords: Sun, Wind, Falling water, Coal, Oil, Gas, Wave power. Course overview. Post navigation. <- 34. Methods of generating electricity 36. Electricity from the sun ...

Geothermal energy resource does not originate from the Sun. Because geothermal energy is not derived from the sun, it differs from water, solar, and wind energy. Rather, this ancient energy source originates from the earth itself in the form of heat energy. Wave Energy, like wind and solar, is based on the free renewable energy that the sun ...

Practically all energy on earth comes originally from the sun. A power source not derived from the sun is geothermal, which uses heat from deep under the ground.\* Nuclear energy.\* Geothermal ...

Which of the following sources of energy are not derived from the sun ? Biomass, wind, Ocean thermal energy, Geothermal energy, Nuclear fuels, Hydroelectricity, Wave energy, Coal, Petroleum, Tidal energy

Study with Quizlet and memorize flashcards containing terms like Which energy source does NOT originate from the Sun? A. Coal B. Solar C. Oil D. Nuclear E. Natural gas, Traveling alone in a car uses 3.6 MJ of energy per kilometer. If 4 people go on a trip of 400mi, what's the MJ used per person? A. 200 MJ B. 320 MJ C. 580 MJ D. 860 MJ E. 1440 MJ, The major source of energy ...

Study with Quizlet and memorize flashcards containing terms like Traveling alone in a car uses 3.6 MJ of energy per kilometer. If 4 people go on a trip of 400 miles, what is the MJ used per person?, Which energy source does not originate from the Sun?, The major source of energy in the United States is and more.

=> Nuclear power, geothermal and tidal energy does not originate in the sun. Nuclear energy is contained within the nuclei of atoms; Geothermal energy is caused by nuclear decay within the Earth itself; Tides are created by the gravitational attraction of the oceans to ...

Click here?to get an answer to your question Which of the following sources of energy are not derived from the sun ? Biomass, Wind, Ocean thermal energy. Geothermal energy, Nuclear fuels, Hydroelectricity, Wave energy, Coal, Petroleum, Tidal energy.

Yes, the sun is a major source of energy for the ecosystems. \_\_\_\_\_ No, the energy for EVERY ecosystem comes from the Sun. If not our own Sun, then heavy metals created in the supernova explosions ...

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converts mass ...

1. Solar energy: This energy source comes directly from the sun. Step 2/4 2. Wind energy: Wind is created by the uneven heating of the Earth's surface by the sun, so wind energy indirectly ...

Biomass, Wind, Ocean thermal energy, Geothermal energy, Nuclear fuels, Hydroelectricity, Wave energy, Coal, Petroleum, Tidal energy. Q. Most of the sources of energy that we use represent ...

Which energy source does not originate from the Sun? (a) coal (b) solar (c) oil (d) nuclear. Solution. Verified. Step 1. 1 of 2 (d) nuclear. Solar energy is retained in plants in the form of chemical bonds through the process of photosynthesis. By burning plants, fossil fuels are formed, ie. coal, oil or natural gas. On the other hand, nuclear ...

Energy from the Sun. The energy from the Sun is vital to life on Earth. Not only does it allow life to exist, but it also is the source of most energy humans use. Biomass, fossil fuels, and some renewable energies such as wind and solar power originate from the Sun. Fossil fuels are simply solar energy stored in a secondary form.

As well, the geothermal flow is another energy source that doesn't originate from the Sun. The geothermal energy coming through the Earth's crust is roughly 44 TW or approximately 0.025%. The rest of the power that doesn't come from the Sun is the ~3 TW or 0.0017% coming from tidal forces acting between the Earth and Moon.

Solar radiation, or energy produced by the Sun, is the primary energy source for most processes in the Earth system and drives Earth's energy budget. ... How Does Energy from the Sun Reach Earth? It takes solar energy an average of 8 1/3 minutes to reach Earth from the Sun. This energy travels about 150 million kilometers (93 million miles ...

It is actually a type of thermal energy that's after generating is stored in the Earth's crust. This is actually renewable in nature and is a kind of heat generated in the Earth only. And basically this energy is just derived from the Solar energy (Energy from the sun). Final answer: The energy which is not derived from the sun is nuclear energy.

The Sun. We consume energy in dozens of forms. Yet virtually all of the energy we use originates in the power of the atom. Nuclear fusion reactions energize stars, including the Sun, and the resulting sunlight has profound effects on our planet. Sunlight contains a ...

Where does solar energy come from? Anyone who heard of solar energy initially wondered about it. To put it briefly, solar energy comes from the sun and is essentially sunlight, radiance emitted from the sun. The sun's never-ending source makes solar energy a renewable resource that never runs out, unlike traditional energy forms like fossil fuels.



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Light energy from the Sun is transferred into electrical energy (another form of energy) by a solar panel. Heat energy from a hot water bottle is transferred to a bed (another object). The Sun is...

Study with Quizlet and memorize flashcards containing terms like Which energy source does not originate from the Sun? (a) Coal (b) Solar (c) Oil (d) Nuclear, Traveling alone in a car uses 3.6 MJ of energy per kilometer. If 4 people go on a trip of 400 miles, what is the MJ used per person? (a) 200 MJ (b) 320 MJ (c) 580 MJ (d) 860 MJ, The major source of energy in the United States is ...

Which energy source does not originate from the sun? 2 months ago. Solution 1. Guest #9581877. 2 months ago. The only exception would be nuclear energy. Heavy elements like Uranium got their stored energy from ancient supernovae, that doesn't come from the sun. And fusing hydrogen is tapping energy that has been around since the Big Bang.

Which of these forms of energy does not originate from radiation emitted by the sun? geothermal. ... Producing energy creates jobs, but not all energy sources create the same number of jobs. Which energy source creates the most jobs per unit of energy produced? photovoltaic solar (PV)

Energy from the Sun reaches Earth in several different forms. Some of the energy is in the form of visible light we can see, and other energy wavelengths, such as infrared, and small amounts of ultraviolet radiation, x-rays, and gamma rays, that we can't see. Over half of the Sun's energy that reaches Earth is infrared radiation, while just 2-3% is ultraviolet radiation.

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