(ENG104)-English II – Final Ödevi

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Ad / Soyad:
Ödev teslim Tarihi: 10 Haziran
Ödev teslim şekli: Word belgesi https://orgun.ankara.edu.tr/ platformu üzerinden teslim edilecektir.

ARTICLE:
THE FUTURE OF ENERGY

Energy is very important in modern life. People use energy to run machines, heat or cool their homes, cook, provide light, and transport people and products. Most energy nowadays comes from fossil fuels — petroleum, coal, and natural gas. However, burning fossil fuels causes pollution. Scientists are working to find other kinds of energy for the future. What might these sources of energy be?

Energy from wind

All over the world, people use the power of wind. It turns windmills and moves sailboats. It is a clean source of energy, and there is lots of it, particularly in countries such as the Netherlands and Denmark. Unfortunately, if the wind does not blow, there is no wind energy. Energy from water When water moves from a high place to a lower place, it makes energy. This energy creates electricity without pollution through the use of dams and water turbines. Laos plans to build 55 dams and become the "battery" of southeast Asia. Dams, however, cost a lot of money to build, so water energy is expensive.

Energy from the earth

There is heat in rocks under the earth. Scientists use this heat to make geothermal energy. In Iceland, 87 percent of the population enjoys central heating from this energy source — and it costs less than half the price of using oil for central heating. Moreover, geothermal energy does not pollute. The problem is location — it's only available in a few places in the world.

Energy from the sun

Solar panels on the roofs of houses can turn energy from the sun into electricity. These panels can create enough energy to heat or cool an entire house. In fact, some scientists say that if we build solar panels in just 1 percent of the Sahara Desert, in countries such as Algeria and Libya, there will be enough electricity for the entire world. However, solar energy is expensive to export.

Energy from living organisms

Living organisms, such as plants and algae, can produce energy that is called biofuel. By 2017, about 90 percent of cars in Brazil will have "flex-fuel" engines — they can run on gasoline or biofuels. Biofuels are renewable. For example, sugarcane (used to make ethanol) can be produced every year. But some people say we should use farmland to produce food, not biofuels.

Text: Interchange 4th edition - Work Book - page 51

Questions:

1- Why do we need new forms of energy?
2- According to the article, which countries produce each new form of energy?
3- What are the advantages and disadvantages of each type of energy?
4- Why People use energy?
5- What is Biofuel?
6- What is a solar Panel?
7- What are characteristics of clean source of energy?
8- What is the most common used energy source?
9- Why scientists are working to find other kinds of energy for the future?
10- According to your perspective, how do we increase the implementation of alternative energy sources in our daily lives.