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| **Non-renewable energy** is that **source of energy** which can not be used again and again. This sort of energy is sustainable to exhaustion. These **non-renewable energies** like coal, oil and gas are getting scarce. Energy sources like oil, coal and gas are known as **fossil fuels**. |
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| **Non-Sustainable & Non-Renewable Fossil Fuels**The natural resources like oil, coal and gas are formed into the earth’s crust in a period of decades. These **energy sources** can not be used again and grown in few days. Nuclear energy is the only form of **non-renewable energy** form which can be reused. 95% of nuclear can be used again to support electricity power plant. Non-renewable energy sources like coal and oil are getting scarce because the supply cannot meet the demand currently. **Natural resources** like oil and gas are major fuel component of almost all the industries of the world. The problem with most of the energy sources is that the supply is limited to the few hands. These forces can control the prices of these resources. Oil prices are rising at the will of oil producers in the world like OPERA. The downside of non-renewable energies is that these resources are controlled and owned by few countries and the reservoirs are limited. Moreover these energy sources are blamed for global warming. Our dependence on these sources has given way to extreme competition in the international market for the buying and selling of **non-renewable energy sources**. This is the reason why major economies of the world are switching to renewable energy sources like sunlight, wind, hydroelectricity and tidal power.**Uses of Non-Renewable Energy & Types of Non-Renewable of Energy**Non renewable energy is that form of energy which is subject to deletion. This **type of energy** is of many **uses** to us. It can be used to produce electricity, heating, cooking, transportation and manufacturing. 85% of the energy used in the industrial processes is form the non-renewable type of energy. Coal is the most abundant natural resource and it is present in the quantities of trillion of tons. Coal reserves are most prevalent in Europe, Asia and USA. Second abundant non-renewable energy resource is oil. Oil is present in the earth’s layer which is termed as Shale. This energy resource is converted to gasoline, jet fuel, heating oil like kerosene and diesel. The production of natural gas is the result of activities used to produce oil. Natural gas is not only the base of industry but also it is transferred to domestic users by using pipes. All of the above mentioned energy products are used to generate electricity at large. Moreover they are used in mixed and processed form as fuel for various applications. Nuclear power plants are another **form of nonrenewable energy** whose use is dependent upon the mining of uranium. Uranium is also naturally found in earth. Uranium power plants are highly efficient in terms of energy production. Uranium is found even more commonly than silver. The energy from the uranium is extracted by nuclear fission in a controlled environment.**Benefits of non Renewable Energy Sources**The energy sources like coal and oil are naturally present in the earth. The mining of coal is relatively cheap and easy. Oil is very efficient form of fuel. All of these energy sources are easy to extract from earth and are convenient to use. Natural gas is much more environment friendly than coal and oil. The use of small amount of nuclear energy produces huge amount of heat with only small emission of radioactive substances. The only downside with the use of non-renewable energies is that they are depleting and are a cause of pollution. |
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