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"Energy Presentations"

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Based on your Connecticut Energy Studies , which energy source is the "best"? Justify your response with evidence. Be sure to respectfully disagree with your peers to support your position. Be sure to incorporate a minimum of one other student's ideas

posted by Frank LaBanca, EdD at [10:54 AM](#) on Apr 29, 2012

1 – 23 of 23

John K. said...

Out of all the different types of energy sources, nuclear energy is indefinitely the best. Not only does it provide energy with almost no greenhouse gases, it also is renewable. Unlike oil, kerosene, or any other natural gas, nuclear energy can be recycled and reused. Many people consider terrorism when nuclear energy is discussed. How is a terrorist going to steal something that will kill them with radiation before they even get near it? Therefore, there is no risk of theft. During the recycling process plutonium is made, which isn't very radioactive, that can be used to make nuclear weapons. Though this can be stolen and used for nuclear weapons, how is someone going to steal some that has 10 tons of nuclear waste and a very solid, thick layer of concrete protecting it called a dry casket? All in all, there is no better energy source than nuclear energy.

April 29, 2012 at 11:44 AM

Lucas W. said...

Hydroelectric power is the bes power,not nuclear. This is because it uses an all natural and renewable source. It does not cause cancer or genetic mutations as does nuclear energy. Yes, it can be colsty, but that is the only downfall of hydroelecric energy. Unlike most energy sources, hydroelectric gives off no CO2 or greenhouse gases which is really good for the environment. The backed up part of the dam can be helpful to us also. It can be used as a reservoir or an irrigation source which can help grow crops and give us drinking water. Hydroelectric damns can not only be good for us but also for te environment. Fish ladders have been introduced to some damns to help fish continue their annual upstream migration. In conclusion, hydroelectric power is the best power source. It is very clean and good for the environment. It also can not only supply us with electricty, but also with a usable water source.

April 29, 2012 at 12:04 PM

John K. said...

Lucas you spelt best wrong.

April 29, 2012 at 12:23 PM

Comment deleted

This comment has been removed by a blog administrator.

April 29, 2012 at 12:23 PM

Anonymous said...

<http://www.reference.com/browse/all/indefinitely>

April 29, 2012 at 12:44 PM

Polly S said...

Nuclear energy is a superior energy source. Though viewed as a threat to the environment, it produces minimal CO2 emissions, thus is environment-friendly. Nuclear energy is a cheap and readily available energy source. The uranium rods are used for many years until they have to be replaced, so they only have to be purchased occasionally. Since the technology does not have to be made, the only money spent on nuclear energy is for safety precautions. The energy nuclear fission makes is ten million times greater than that of fossil fuels. This means that there is a great amount of energy made with a minute amount of fuel. As for the most controversial aspect of nuclear energy, that is not a major disadvantage. The waste that is produced is controllable- waste in the form of gas cannot be contained, but spent nuclear fuel can be contained. Nuclear energy is the best form of energy out of all the energy sources we use today.

April 29, 2012 at 2:04 PM

Madeline F said...

energy than any other energy source. Nuclear power is in high demand around the world. The electricity used by the world consists of 17% nuclear. Plants and employees take so many safety precautions that hazardous materials are rarely a danger. With the technology being created in this generation radiation from nuclear energy has a minor impact on surrounding areas. These facts prove nuclear power to be the best choice of energy for our time.

April 29, 2012 at 3:28 PM

Madeline F said...

ignore that entry it is not the complete one

April 29, 2012 at 3:29 PM

Madeline F said...

Nuclear energy is the most advantageous energy source in present day. Unlike hydroelectric power, nuclear power is not relying on the environment to produce energy. If there is a drought or a storm, nuclear energy will still flow evenly. Lucas, hydroelectric power may seem to be environmentally friendly but in truth animals can be harmed by the plants, and their ecosystem altered making their habitat unlivable. Polly's point about uranium supplying plants with high amounts of energy with a small amounts of uranium is true. With nuclear power less substance supplies more energy than any other energy source. Nuclear power is in high demand around the world. The electricity used by the world consists of 17% nuclear. Plants and employees take so many safety precautions that hazardous materials are rarely a danger. With the technology being created in this generation radiation from nuclear energy has a minor impact on surrounding areas. These facts prove nuclear power to be the best choice of energy for our time.

April 29, 2012 at 3:30 PM

jon s said...

Disagreeing with John K., Lucas W., Polly S., and Madeline F.; natural gas is the "best" energy source currently available. This is because it is the cleanest burning fuel with the least amount of pollutants which help decrease greenhouse gas emissions, acid rain smog, solid waste and water pollution. It deletes the need for oil and oil tanks that lead to spills and expensive cleanups and also takes the danger of nuclear energy away. Natural Gas is also one of the safest energy sources. Natural Gas is not poisonous to humans in small amounts and odorized for quick and easy detection of leaks. Natural Gas is also very economically efficient because 90% used here in the U.S. is made in the U.S. with the remaining 10% found in Canada. This means America would not have to import any Natural Gas. Instead, America can make money by exporting Natural Gas. The pipelines that Natural Gas flow through are not affected by weather, making transportation and delivery of Natural Gas very easy.

April 29, 2012 at 4:47 PM

nick s. said...

Hydroelectric power is the best energy source on the planet. Hydroelectric power leaves absolutely no harmful emissions that can affect the earth's environment. The hydroelectric energy source also leaves no waste to deal with and is completely renewable. The cost to build the dam for the hydroelectric plant is costly, like Lucas said, the plant will almost pay for itself over time. People may say the dam is stopping the natural migration for fish but those problems have been solved in the form of fish ladders, which allows the fish to travel freely up and down stream. Unlike other forms of energy used, hydroelectric energy releases no CO2 emissions into the earth's atmosphere, adding to the increasing hole in the ozone layer and global warming. The hydroelectric power plants do not just provide the community with electricity it can also provide use for irrigation.

April 29, 2012 at 5:05 PM

katie s said...

Hydroelectric power is, without a doubt, the best energy source. The main advantage of hydroelectric power is that fuel is not burned, so there is very minimal pollution created. Most of the other sources create pollution, which causes cancers and pollutes the earth's environment. As Lucas said, the only big disadvantage is that it is costly. This is true, however; it is a renewable source and the water to run the power plant is free. It is only costly while building the actual plant, and will pay off years later. Polly said that nuclear energy is "environmental friendly" which is completely not true. One major example is called a meltdown. It is an accident that occurs when fission reaction goes out of control, which then leads to a nuclear explosion, releasing large amounts of radiation. This is very harmful, and therefore could not be considered the best energy source. Hydroelectric power definitely has the most advantages, and helps the environment instead of destroying it.

April 29, 2012 at 5:33 PM

andrea n said...

Natural gas is by far the most efficient energy source to use. The gas is the cleanest burning fuel because it has fewer emissions of sulfur, carbon, nitrogen, and has no ash particles afterwards. Unlike other energy sources, natural gas has an abundant supply and much of it is found in North America. Nuclear energy interferes with people's lives and sometimes can kill or seriously harm some. Hydroelectric power

has some problems of its own as well. For example there is a high risk of droughts that would decrease the amount of energy produced, therefore making it less reliable. Although natural gas consists of mostly methane and can spill, the leakage can be detected by the scent given off. Many energy sources also are toxic when they are burned but not natural gas. Pipelines are built and it makes it easier to transport the gas from place to place. In conclusion natural gas is the best energy source to use.

April 29, 2012 at 5:38 PM

David S. said...

Agreeing with Jon S. and Andrea N. Natural Gas is the best source of energy currently on the market. Natural Gas is the best because of all the supply located in America. This will decrease the money it costs to import oil and other sources of energy not located in the United States. Unlike Nuclear Energy Natural Gas does not cause deformities but is not harmful to humans in small amounts. Quoting Jon S., "It deletes the need for oil and oil tanks that lead to spills and expensive cleanups and also takes the danger of nuclear energy away." This quotes means that Natural Gas cannot be harmful to the environment because of mishandled oil. It also means that expensive cleanups will be eliminated because natural gas is not in liquid form. All these reason make Natural gas the best source of energy because no importing is necessary leaving more money to be spent on more important things.

April 30, 2012 at 11:26 AM

carolyn a. said...

Of all the energy sources, nuclear energy is the best. It emits little to no greenhouse gases, making it economically and environmentally friendly. Through the process of generating the electricity, the water (used for steam) is reusable. This is good because no worries have to be put into contracting tons of it. Nuclear energy uses uranium to generate the electricity. Currently, the world holds enough uranium to last for 85 years. Nuclear fission also distributes greater amounts of energy per unit of fuel. The biggest concern about using nuclear power is the waste that is produced. Although the waste is radioactive, it only affects an area within half a mile range. This means that if a meltdown of the plant did occur, only a small strip of land would be uninhabitable. The waste of the plant is also stored far away from any human life. Those managing the storage of the waste take into account where the waste will be located thousands of years from now. By doing this, it is safe to say that no waste will affect the world. Nuclear power, clearly, is the best energy source.

April 30, 2012 at 12:22 PM

Mike M. said...

Agreeing with Nick S. hydroelectric power is the best form of energy production. This is because absolutely no greenhouse gasses are produced from the process such as carbon dioxide and carbon monoxide. Disagreeing with Nick S, carbon dioxide and carbon monoxide do no effect the ozone layer. Hydroelectric power will never run out unlike coal and natural gas. Hydroelectric power is a much better choice because it leaves no soot because it is the cleanest form getting electricity. Unlike nuclear power it is very safe and does not run the risk of any accidents happen or a possible terror threat. Since water is free, it is very cheap unlike coal and natural gas which continually have to be bought. No waste is produced from the product such as harmful nuclear waste. Without a doubt hydroelectric power is the cheapest, cleanest and most of all, smartest choice to make.

April 30, 2012 at 12:31 PM

Robin W. said...

Out of all the different kinds of energy, nuclear energy is the overall best. Yes, the waste is radioactive but it is kept far away from human inhabitants. Also, it produces very minimal amounts of greenhouse gases. Agreeing with Carolyn A. there is enough uranium in the world to last about 85 years. Nuclear power plants, unlike hydroelectric power plants, don't affect the wildlife where the plant is built. Nuclear power plants also don't rely on the environment to supply it like hydroelectric power plants do. Many people say that nuclear power is dangerous but the radioactive waste is being stored under ground in concrete caskets so the radioactivity can't get out. This information proves that nuclear power is the best form of energy.

April 30, 2012 at 2:25 PM

Joong L. said...

Hydroelectric power is the best energy source that can be used. The reason is because it is very clean, so it emits nothing during the usage that can actually harm the earth. Agreeing with Mike M. there are no greenhouse gases that are produced in the whole process. The hydroelectric power also produces no waste and it is renewable, like Nick S. said. The stations can increase the power to full capacity very quickly and the electricity can be continuously generated, unlike other stations. As Lucas W. said, the cost is the only disadvantage of the hydroelectric power. It is also not dangerous, unlike nuclear energy. Some people say that the nuclear power is rarely dangerous because they take precaution. But if something did go wrong the people would be in danger, and they probably do not want to get harmed. It is possibly better to use safe energies like hydroelectric power than to use life threatening or harmful ones.

April 30, 2012 at 4:36 PM

stephanie k. said...

Agreeing with Jon S., Andrea N., and David S., natural gas is the best energy source to use. Natural gas is plentiful in the United States and little to none is needed to import from other countries. Another advantage to using natural gas compared to other energy sources is that it is the cleanest burning fuel. No soot, ash, or other pollutants are released into the air. Although the price of installing natural gas pipes is high, they don't require oil tanks to be installed or trucks to come to fill the tank. This decreases a chance of a spill or other disaster involving oil. Other forms of energy, like nuclear power, have serious problems. If spills occur with the radioactive material, there are health hazards possible. Cancer and other deformities may be caused by this material. Natural gas is without a doubt the best energy source choice.

April 30, 2012 at 5:06 PM

Stephanie R said...

Agreeing with Lucas, Katie, and Nick, hydroelectric power is the best source of energy. Hydroelectric power supplies about 20% of the world's energy and is very reliable. As long as there is water on Earth, hydroelectric power will always be reliable. Hydroelectric power is also virtually free once a dam is built. The dams are large, strong structures and hard to destroy. Being a very large, reliable source, power created from water is free. Over all hydroelectric power is the best type of energy source.

April 30, 2012 at 5:48 PM

Travis T said...

Hydroelectric power is the best choice for energy. Hydroelectricity uses no fossil fuels or uranium that will eventually run out. This source of power uses water which should not ever deplete enough to stop the production of Hydroelectric power. Nuclear energy can be recycled and reused like John K said, however Nuclear Energy is renewable. Uranium will eventually run out. As for Jon S who said that natural gas was the best he is also wrong because natural is not an indefinite source of energy. Natural Gas and Uranium may be good for the next couple of years but in the bigger perspective Hydroelectric power is the way to go.

April 30, 2012 at 6:21 PM

Rebecca S said...

To agree with Lucas and Katie, hydroelectric power is the best energy source. It is constantly generated and will always be replenished with water from rain. It is environmentally friendly as far as gases go. Once a hydroelectric plant is built, as Stephanie R pointed out, they are completely free. On the contrary, nuclear energy and natural gas energy will always cost people tons of money each year. People would definitely be much happier not having to pay so much money on heating bills each year with the added bonus of keeping the world clean. As Madeline pointed out, there are some drawbacks to hydroelectric energy; however, the disadvantages to nuclear energy are far worse. If an accident occurs, the entire area surrounding the nuclear plant will have to be evacuated. Also, the waste of nuclear energy will last up to 10,000 years. In this way, we are destroying the planet.

April 30, 2012 at 7:21 PM

amanda b. said...

I completely agree with Stephanie K., David S., Jon S., and Andrea N., that natural gas is the best energy source out there. It emits hardly any gases or soot into the air unlike other energy sources such as coal. The transportation costs hardly anything at all because it doesn't require oil tanks or any trucks that would emit even more emissions in the air. This also makes it a better fuel source. And to add to that you don't have the chances of having something like an oil spill. The transportation isn't an issue anyways because the pipelines are underground and so virtually nothing can happen to them. Also, most of it is found within the US already so there is nearly no need to import. The only place we do import from is Canada so it isn't even that far anyways. Natural gas is definitely the number one fuel source to go for.

May 1, 2012 at 1:50 PM

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