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Abstract: The term Nublar indicated as cloud in Spanish. Nublar energy means extraction of energy from the clouds. Here our theme was to investigate any possibility of harvesting lightning energy from the clouds. A single lightning gives energy equal to 5 billion joules. The Energy of single Lighting is enough for one month of household power supply. By creating a two artificial Black clouds and make them to collide, we can create lighting and it can be stored. We can create a large amount of energy and can reduce the power crisis. If we can make it possible to store that energy we can easily generate the required amount of energy. So that it can be supplied efficiently throughout the regions and we can make our country without scarcity of powersupply.

Key Words: Solar Energy; Nublar Energy; Lightning; Wind Energy; Hydro Energy; Nuclear Energy.

1. Introduction

Energy:

The word energy is derived from an ancient Greek word Energia. It means "Activity Operation". Energy is defined as the property that must be transferred to an object in order to perform work on-or to heat the object, and can be converted in form, but not created or destroyed. The SI unit of energy is Joules. Energy can occur in different forms like light energy; sound energy and thermal energy. Energy is used in different forms of work. It is used to generate power. It is used to generate Current and it is used for different purposes of work. Current is the main source of energy. Without current it is difficult to live. The current is generated by means of water (Hydraulic) or by means of coal (thermal).here the main drawback is we cannot extract more amount of energy from the fewer components. It requires a huge amount of cost and huge amount of work.

Nublar Energy

Nublar energy means extraction of energy through clouds (lightening). We are aiming to check the possibility of harvesting lightening energy ^[1-3]. A single bolt oflightning carries an energy of 5 billion joules

which is equal to 145 litres of petrol. This means we can have the energy to utilize for one month of householdappliances.

Types Of Energy:

- SolarEnergy
- WindEnergy
- HydroEnergy
- NuclearEnergy

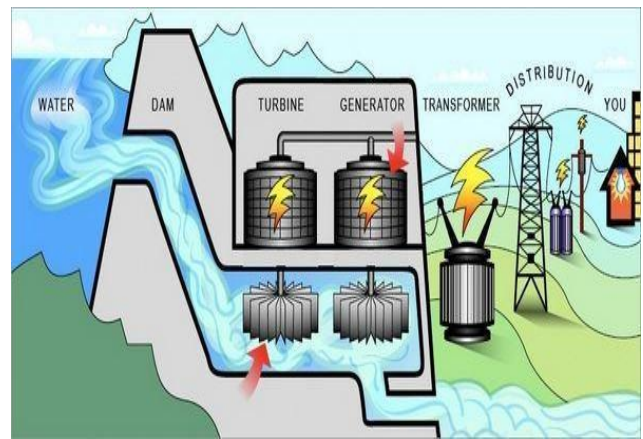
Solar Energy

We all know that sun is the indirect source of many forms of renewable energy and the direct source for solar energy ^[4-9].Solar energy is a form of energy which is created when sun rays falls on the earth surface. The sun creates its energy through a thermonuclear process. The process creates heat and electromagnetic radiation. Only a very small fraction of the total radiation produced reaches the Earth. The radiation that does reach the Earth is the indirect source of nearly every type of energy used today. This type of energy is received and stored with the help of solarpanels.



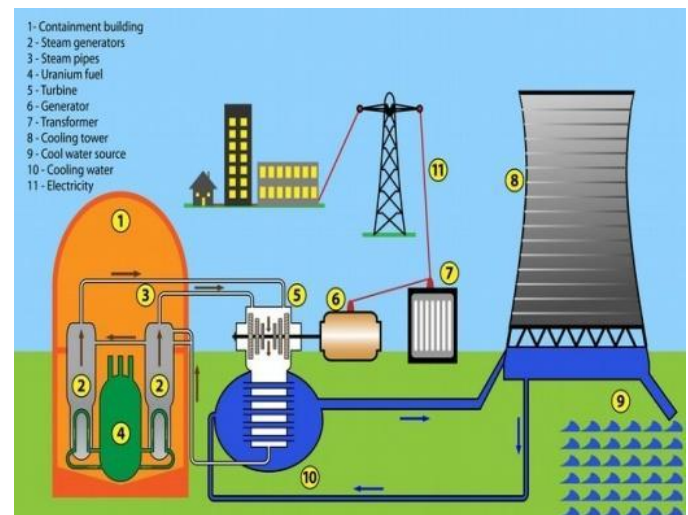
Wind Energy

Wind energy ^[10-16] is a form of solar energy. Wind energy describes the process by which wind is used to generate the electricity. Wind turbines convert the kinetic energy in the wind to the mechanical power.



Nuclear Energy

Nuclear energy^[18-24] is the energy in nucleus or core of an atom. Nuclear energy can be used to create electricity, but it must be released from an atom. In nuclear fission atoms are split to release energy[25-30].



Block Diagram: Generation Of Clouds

Proposed System

Here our idea was that when a collision occurs between clouds we may see a lighting. Or we may also notice a thunder has produced. When we see a

collision of thunder on earth it produces a vast amount of destruction. What if we are able to store that energy? We can produce a huge amount of power supply. Such that we can never have a powercut.

Generation Of Lightning

Creation of clouds:

Clouds can be generated artificially by means of hot air/hot pressure to the ice and by closing them in the container or with the help of lid in such a way that the clouds should not be escaped. Thus we can create

Hydro Energy

Hydro energy^[17-21] is a electrical energy generated when falling water from reservoirs or flowing water from rivers, streams or waterfalls (run of river) is channelled through water turbines. The pressure of the flowing water on the turbine blades causes the shaft to rotate and the rotating shaft drives an electrical generator which converts the motion of the shaft into electrical energy. Most commonly, water is dammed and the flow of water out of the dam to drive the turbines is controlled by the opening or closing of sluices, gates or pipes. This is commonly called pen stock. Hydro power is the most advanced and mature renewable energy technology and provides some level of electricity generation in more than 160 countries worldwide. Hydro is a renewable energy source and has the advantages of low greenhouse gas emissions, low operating costs, and a high ramp rate (quick response to electricity demand), enabling it to be used for either base or peak load electricity generation, or both.

temporary artificial clouds. Similarly we can create black clouds by means of Silver nitrate. Here our aim is to create black clouds and make them to collide with each other so that lighting may occur if we are able to produce lighting and make sure to collect the energy produced by the lighting we may generate an energy which can be used for on average of one month per household. Our idea was to generate black clouds and pass them through opposite sides. And through an external force by means of current/power/electrons or any other source such that they collide with each other and produce lightning and by using an energy absorber we can store the energy.

By means of lighting bell we can detect the thunder storm and the place where we are about to receive the thunder storm.

Advantages of Nublar Energy

- The generation of electricity through lightening can reduce the amount of utilization of fossil fuels.
- The process of generation of electricity through lightening doesn't involve in the emission of harmful gases which causes global warming.
- If we are able to store the "NUBLAR ENERGY" then only with a single lightening we can serve electricity to household serves for one month.
- As it is a natural process we can provide electricity in remote areas (where renewable sources are less) with the help nublar energy

Conclusion

By means of nublar energy we can create a huge amount of electric energy. By utilizing this energy we can reduce the use of fossil fuels.

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