



WIND ENERGY AND MANAGEMENT OF ENVIRONMENT

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ABSTRACT:

The surrounding condition of the human being is known as the Environment. For human development this environment most important factor. After the Second World War there are so many bad effect is occur on this surrounding condition. As the world level, global population is growing very fast today it is more than the seven Billion. This lot of population has a need of lot of energy for operate its regular life and the other economic activity as a Agriculture, Transportation and the industrial activity. From the last some decade of the year, whole activity is using the convectional energy sources as the coal, petroleum, natural gasses. These are the carbon hydride material which is making the carbon material in the environment. These materials are making effect on the global warming. After the 1980 the rate of the global warming is goes very higher rate. For taking the care of the global is warming the non-convectional energy source as Hydra, Wind, Solar are most necessary for to stop the global warming. Wind is kinetic energy of the Weather element, it have the ability to make the electrical energy. Day by day there is higher growth rate in manufacturing of the electricity. There is new scope for this wind energy in the Management of the Environment.

Keywords: Wind, Energy, Environment, Management.

INTRODUCTION:

The meaning of the environment is made by the Greek word which is meaning of the surrounding condition of the human being. It can be classify by two ways as the Natural environment and human environment. The Natural environment is made by the solid, liquid and the gasses material. The is the Human environment is manmade as the socio-economic and the cultural condition of the population in that area. These both of the type are effecting on each other. At the being of the human history man was most affected by the environment. He made his all traditional and cultural element with respect to the physical environment. After the Second World War there was so many medical facilities that's why population of the world has made the Geometrical speed. In the period the industrial revolution, lot of science and the technology has made progressively development in the Industrial sector. Coal was most important fuel for the machinery. In the next generation there was used liquefied material as the petroleum which was the Hydro-carbon. In the advance sector was the gasses state of these material as the Methane and Butane gasses. In the decade of the 1970 new more powerful heavy element as the Radium Thorium which are Nuclear energy is start to make the electricity.

The non-convectional energy sources as the Solar and wind energy have the more potential power to generate the energy by the different sector; these are non-exactable energy sources.

Which are never ending. It can be made the lot power than want of the world population. The

main important of this energy is the are clean or green energy which are pollution free energy. At the time development the energy it have not need of the any input. As developing nation of the India we can made it in the remote area and made regional planning. My research is based on the how this non convectional energy sources as the wind is apply for to solve the environmental problem as the global warming and the gives the power for the regional population. This electricity will be supply also the local farmer in the agricultural activity.

WIND ENERGY:

Wind is a horizontal movement of the air. This wind is blowing from the High Pressure to the Low Pressure region. It tries to make the atmospheric balance. These high pressure and low pressure location made due to the uneven distribution of the temperature in the sun. Hence we can be say that formation of the wind energy is made by the sun. Due to the pressure gradient the speed of the wind velocity is made up. If there is wind velocity is more than the 10 Km. per hour, it can give speed for the Windmill. in the wind mill there is Mechanism of the generating the electricity. For this purpose height of the wind mill is made up to the 60 to the 70 Meter. It has the capacity of the 1-2 Kw. For the wind electricity. There is number or the wind mill in wind farm. This whole electricity can be collect of the single location then it is shifted to the National grid system. As per

location of the wind mill it has classify by the two way- Offshore and Onshore wind mill. These are fitted on the land and the coastal area. Though this wind energy is working day and the night, but its gives more electricity in the Monsoon period. This energy is made in the remote coastal and hilly region that's why it will be more applied for the rural development.

WIND ENERGY AND THE ENVIRONMENT MANAGEMENT:

The meaning of the Management is that it is a organizational activity in which number of the planning is going hand in hand. For the good socio- economic and physical development it is need of the management. Environment is concept in which surrounding condition of the human being is coming. The environment of the world is most polluted due to the Industrial and energy sector as the electricity. In the type of the Thermal electricity, there is lot of the coal burring is going on. It output burring material and making more hydrocarbon in the surrounding region. These are making global warming. Modern environmentalist are worry about the these carbon pollution. The next problem of the fuel burring in number of the industry and vehicle. It we the environmental engineer is success in the genration of the wind electricity it will be apply for to the stop the global warming. This global warming is most of the effecting on the climatic changes. Indian Monsoon is more effected by the this global warming. Government of the India is also funding for this wind energy. Number of the NGO is working on the Management of the environment.

WIND ENERGY IN INDIA:

India is a tropical nation which more affected by the Monsoon wind. It have long coastal area of 7500 Km. We can be generate the lot of the electricity both of the Offshore and the Onshore electricity. Today there is 50000 Mw. Electricity is generating. Tamilnadu, Gujarat and Maharashtra are pioneer state for the generating the electricity. In this nation there is number of the ways for the variation in the physiographic. It can be generate the lot of the electricity. With the help of the GIS application it is estimation that India have the potential near about the 200 Gw. Electricity total of the 320 Gw. It will be more apply for the regional development. In India now there is shortage of the mineral resources as the coal and petroleum, which are effecting on the Energy crisis. India is developing nation lot of the village is living under poverty condition. This electricity will solve it poverty. The major the Industrial belt are attached with this wind energy sector.

In case of the Maharashtra is one of the advanced states for the wind electricity. First electricity project was on the coastal area of the Rantnagiri district. The total production is the 4000 Mw. This is 10 % of the India. Major sites of the wind electricity in the Maharashtra is the Sangli, Dhule , Aurangabad, Beed and the Ahmendnagar. This area is tropical dry climatic area. Lot of the area has the location of Western Ghat and other western ranges of the hills. It foundation is Basaltic region. Average height is 700 meter is more applied for the formation of the electricity. This electricity will be apply for the industrial sector of the Pune Nshik and Thane Mumbai. As a special case of the Ahmednager there are the major three sites as the ChandMahal area, Karnjighat, Jamkhed area , Supaparnar and Kalsubai region. Now a day there is 400 Mw electricity. But it can made the more than the 5000 Mw. Which is more than todays need of the Ahmednagar. With the help of this electricity, the Geographer can be made the Regional planning as economic balance because of the half region of this district is Irrigated by the river MulaPrvara. But reaming area as the Parner, Pathardi ,jamkhed and Karject will be more applied this electricity. The another use of this electricity is a lighting for the rural area. There is best sugar belt region in Ahmednagar district. This electricity is supply for the Agricultural network.

CONCULSION:

Hence with the utilization of the wind energy there will be conservation of the mineral energy sources. And also save the global warming by utilization of the wind energy. For good environmental utilization in the Ahmednagar district will energy is going to make the regional balancing. There is good scope for the wind energy in Maharashtra. This energy is applicable in the remote area. It is clean source of the energy. In the coming day lor of domestic private wind mill will be start and the solve the problem of the energy crisis.

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