



Earth Day

April 22



Renewable Energy - the best solution for present energy crisis

World Earth Day is celebrated every year on the 22nd of April throughout the world. Main objective of the World Earth Day is to educate the entire community on the environment protection. Various programs are implemented in many countries throughout the world in celebrating the World Earth Day.

There are many initiatives in Sri Lanka that work on the security of the environment and its energy. Accordingly, the services rendered by the Sustainable Energy Authority cannot be ignored. Here are some of the programs from an interview with Sustainable Energy Authority chairman Ranjith Sepala on the use of the renewable energy for the security of the environment, generation of the renewable energy and how to use renewable energy as a solution to the energy crisis.



Solar energy technicians being trained at photovoltaic solar facility operated by the Sustainable Energy Authority in Hambantota



Mr. Ranjith Sepala, Chairman of the Sustainable Energy Authority

to ensure the maximum consumption of power in the electrical equipment.

For this, we explicitly intend to minimize the things that pollute the environment. Coal and diesel are the main pollutants.

They emit unfriendly gases such as carbon dioxide and sulfur dioxide. These gases make an impact on the earth and on the people and animals living on earth. The reports that show the levels regarding the pollution levels are annual. How many people die owing to environment pollution in Sri Lanka?

Environment pollution affects all lives on earth in various levels. Minimizing these effects and minimizing the burning of carbon should be our objective. Our institution has taken steps towards this.

We should reduce the loss from home itself. A good habit is established and it should be moved of maintaining the use of the air conditioner. This should be practiced to save the energy.

We feel that some of the people in today's society are not concerned about these things. The more, advice should get used to it consistently. On the other hand, an institution on a school, university, community, social institutions and child organizations to make the people understand how to use the energy efficiently and consistently.

As a CEO, would you have suggested the electrical equipment to lighting. We have made arrangements

to use energy as the natural and Earth Day. For that we should definitely use latest technology. For that we should use the available resources to the maximum. But, when implementing these as an institution, we should get maximum support from the general public.

We expect that because whenever we want to do a good thing, if it becomes a goal from different corners. People should look at these developments favorably.

If to protect the earth, it would be essential to take a concerted change in the people. Conscientious and support of all institutions, other than the entire population are essential for the Earth Day. Renewable energy is the best solution for today's energy crisis. When we start using them, we will not need Dollars for purchase of fuel.

We spend resource dollars only to purchase such projects. To reap the benefits from such projects, we will not need dollars. Even generate electricity when it is windy and when there is sun light.

If we had implemented these projects earlier, we would not have faced today's energy crisis. For that we need conceptual change in certain institutions and their intervention. We need to prepare the background for that.

Let's prevent environment pollution

It is a very important fact that we talk about the prevention of environment pollution especially on this World Earth Day. We have to realize that the environment gets polluted naturally. But, humans are not with it.

We have seen this happening historically. But, the tragedy is the environment pollution created by mankind cannot be reversed completely. People pollute the environment knowingly and unknowingly.

What is environmental knowledge should be built by using education. But, how can we prevent what is committed knowledge. It is better that we talk about it. If it is not used in the past, it is not same as the lifestyle that we are doing.

As an example, people have the idea that it is only 100 years to the natural elements. But, 19 to 20 decades ago, there was no electricity. Still for people

confront with their normal lifestyle but that does not suit today's lifestyle.

The technology used today is different. Systems and methods are different. There are various equipment to assist them. We are in need of electricity in other fields.

Duties / Responsibilities of the Sustainable Energy Authority

Our institution designs and implements programs that encourage and educates the community to use electricity in an efficient manner and to take maximum use of that. When looking at the various problems that exist with regard to the energy, one of the main objectives of the government is to increase the electricity generation to 70% by year 2030. The Sustainable Energy Authority has realized the

necessity of environment friendly electricity generation.

Necessity of environment friendly electricity generation

Sustainable Energy Authority works towards this necessity focusing in the future.

Providing the resources required for this, preparing the training centers for the generation of energy can be implemented by this Authority. Further, we educate people to use energy efficiently and consistently and to make people get used to such practices.

Let us use energy economically

For this, we should definitely have the practice of doing it. To have that