

Utilization of passive methods to save energy

Mundoo school

“ Mundoo School Environment Club had conducted a survey in the 12 islands of Laamu Atoll related to the utilization of passive methods to save energy and the challenges and problems of utilizing the same. The survey was interesting and informative. The study had reminded us that passive energy using methods are the natural methods of utilizing light from the sun, wind from nature with NILL Active energy consumption. If we fix adequate number of windows, ventilators and air holes to our houses, we can reduce our fossil energy consumption to a great deal. The main purpose of this project is to create awareness among students to reduce fuel energy consumption by using natural energy sources. Through them, the message could be communicated to the rest of the entire community. Fix windows, Take advantage of Day light, Save Energy is our Slogan.

Information collected through survey.

- About 30% of the houses in Laamu Atoll are without adequate number of windows and ventilators to let air and light in.
- Most such houses use lights and fans throughout the day.
- Street lights were not turned off by late mornings on some days.
- Interesting reasons like for getting rid of thieves, people are reluctant to fix windows for their houses.
- Many buildings and houses are there in many parts of the country without enough windows and ventilators including our capital Male’

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Recommendations: Assistance and guidance to extent the school level activities for environment protection to the community level, Atoll level and getting coordination and support from the atoll to carry out the club activities in an organized manner to achieve the desired aims and objectives.

Conclusion: Passive energy especially solar and wind energy is better for our environment than traditional forms. Let us cooperate with our Governmental activities to generate 60% of electricity from solar power by 2020, and hope for the fulfillment of the same. Let us utilize the munificence blessings of Almighty Allah to us as renewable resources.

