

Oyem, H. H., Obiwulu, E. N. O., and Oyem, I. M. (2008). Solar energy revolution and Energy Crisis in Nigeria. *The Nigerian Journal of Energy and Environmental Economics*, 1(1): 52-60.

Abstract:

This paper examined solar energy and its possible use as an alternative source of energy in contemporary Nigeria. It looked at the sun as the source of solar energy. The inherent nuclear reaction that goes on in the core of the sun was briefly discussed. A case for the availability and generation of solar energy was also made. The peculiarity of Nigeria's geographic location vis-à-vis the availability of steady solar radiation was considered. An incisive interest was given to the impact of the energy crisis on small and medium-scale enterprises (SMEs), a major driving force of the economies of many nations. The effort was also made to look at the solar energy revolution and the issue of alternative energy supply. Benefits of solar energy technology as a tool for kick-starting the economy and ameliorating the effects of global oil politics cum prices, and dwindling oil supplies.

Keywords: Sun, solar energy, energy crisis, Nigeria, solar power revolution, alternative.