

Renewable Energy for a Positive Change

The present flow of Australia in terms of developments in economy and industry has got a greater slope than the previous decades. The never ending growth in various sectors has correspondingly increased the demand for energy in the respective fields to a large extent. The future is uncertain as to how the energy requirements will be met according to the growing population and changing lifestyles. A situation where our nation runs out of energy resources to power industries, commercial and public establishments, transports and households is dreadful to even think of. Transition into renewable energy is one strong answer to the above dilemma. Despite of the immense benefits offered by renewable energy towards the energy sector as well as the sustainability of the nation and environment, the flow towards this sector is not as smooth as it is expected to be. The attachment towards the conventional fossil fuel energy infrastructures which has been serving mankind since centuries possesses a great resistance towards the previously mentioned change. A 100% renewable energy system can ensure sustainability of our nation as well as improved life style for ourselves and our future generations. If we think of the long term savings made by an individual who pays for his energy consumption and the savings made by an organization that supplies energy resources, the renewable energy system offers a bright future. Apart from an initial investment cost which can be pretty high, systems like solar and wind energy harnessing systems do not need any significant inputs to operate, except for their maintenance charges. The set-up cost and maintenance cost of such renewable energy systems are obviously far lesser than the sum of corresponding costs for present fossil fuel establishments. The present scenario of fossil fuel depletion and carbon dioxide emissions to the atmosphere due to the operation of coal and oil energy systems can be minimized to great extent by making a logical transition to renewable energy. A huge savings in the economy and the benefits to the environment is good for each individual and the society. Educating the society through public awareness and especially the future generations through their study materials are possible ways to attain a smooth transition into a future with 100% dependence on renewable energy. Australia, with its nature possesses huge potential for harnessing solar and wind energy. A positive though towards taking advantage of these resources can itself be a lubricant towards a sustainable future.

Navas Shareef Abdul Nasar, Deakin University, Geelong, Victoria, Australia