

HARNESSING AND STORING OF RENEWABLE ENERGIES BY A NOVEL TECHNOLOGY FOR ECONOMIC DEVELOPMENT AND ENVIRONMENTAL PROTECTION

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Abstract

All of us know that “energy could be converted from one form to other, but it can neither be created nor be destroyed”. Based on this important scientific theory, this paper is prepared and presented by the author. The Pneumatic Energy (Compressed air) shall be generated through the Novel device, by conversion of Renewable energies in the area – Hydro, Tidal, Waves, Wind, Solar & Salt gradient, utilizing atmospheric air as working fluid. The Pneumatic energy shall be then put into air turbines to produce mechanical energy which shall be converted into electrical energy by conventional method using generators. Further, to have smoke-free automobiles for mitigation of air pollution & global warming, they shall be operated with pneumatic powered engines, utilizing the pneumatic energy which is eco friendly and also a substitute for fossil fuels.

Keywords: hydro, tidal, waves, wind, solar