The self-energy from function of equipment and engineering machines, ideology for sustainable energy

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Abstract:

This research aims to develop a new ideology in the design of industrial design products (Apparatus and Equipment) in homes to take advantage of the functional energies them during their functional performance, as an energy source in itself requires utilized in power generation, where instead of being the energy consumer products only; but to be generating power at the same time during their functional performance, and storage this energy in a general battery in house for use again in the run of these products, which leads to achieve energy self-sufficiency at home, and independence from traditional energy sources, which, we call it "self-energy".

When the man began to invent machines and tools previously relied on the abilities of muscle in the energy required to provide for the operation of these machines, and the emergence of energy sources, especially the coal in industrial revolution became energy sources provide the human hardships of muscle working, and provide sources of energy power much higher than the power of man; which added a major new trends in product design and production of machinery and industrially.

Hence the ideological machine design is based on providing a source of energy for the running of these products to perform their functions, and the evolution of search for energy sources from coal to diesel fuel to gasoline, and in each transition from one species to another stage was the development of the product follower of the capabilities which provided by these sources of energy and conditions technology to activate it, and when the man was found environmental and economic problems of the exhaustion energies; he went to search for clean energy sources and renewable by same ideology and it provide energy alternatives that feed the product to perform its functions, and therefore it requires the construction of new power stations generate energy and you transmit via the power feed cables to homes and factories to running the machinery, equipment and machines in order to their part, rather than exploit the mechanical movement of these products to generate energy.

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