

Abstract

Present invention is related to energy conversion and using thermal energy spread out in the outside environment it is the same energy which Sun, and other human devices produce and release in the environment. It is modified process that used for heat pumps; to pump-in the surrounding thermal energy in closed system and convert it to work or mechanical energy by pump into multiple turbines cascaded to thermal insulating chambers filled with refrigerants .

By cascading multiple turbine stages, boiling chambers and proper selection of refrigerant a conventional thermal power plant capacity and efficiency multiplied.

Using renewable solar energy by boiling a low temp refrigerant cascading multiple turbine, boiling chamber stages with properly selected refrigerant a substantial amount of mechanical/electrical energy produced.