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PROJECT

MAGLEV WIND TURBINE: AN ALTERNATIVE, CLEAN ENERGY SOURCE



The ever-increasing demand for power is leading to the depletion of conventional resources, which can easily be met by natural resources. Wind energy, for instance, is utilised by wind turbines to generate electricity by harnessing the kinetic energy of wind. Though conventional wind turbines are widely used, they have many drawbacks including friction, regular maintenance, and disturbance to surroundings. These problems can be minimised by implementing a maglev wind turbine, in which friction is greatly reduced by the magnetic levitation and need for regular maintenance is drastically reduced. A miniature maglev turbine can be used for residential purposes. It can produce power sufficient to charge a battery, which can be used to power appliances.