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(57) Abstract :

The widespread consumption of energy has led to an energy crisis, prompting the necessity to devise approaches for efficient utilization that can alleviate the crisis while protecting the environment. Now the focus is shifting more and more towards conventional energy, which is essential and non-polluting. In this paper, we approach anew mechanism to generate power from a speed breaker because the number of vehicles passing over the speed breaker on roads is increasing daily. This proposed system is to extract the kinetic energy of vehicle flow in the streets entitled as generating power from a speed breaker through a hydraulic mechanism. It is more efficient than other existing models, enabling it to accommodate conventional, both in balancing electricity supply and demand in energy across the globe.

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