

Power Generation using Footstep

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Abstract: *The power generation system describes how the kinetic energy from human footsteps is converted into electrical energy using transducers like piezoelectric sensors or mechanical systems. This non-conventional, pollution-free energy is stored in batteries and can power small, localized devices like street lights, mobile chargers, or displays. Such systems offer a sustainable solution to meet growing energy demands, particularly in public, high-traffic areas, and reduce reliance on traditional fossil fuels.*

Keywords: Footstep power, Piezoelectric energy, Renewable energy, Kinetic conversion, Sustainable system

