

Generation of Electricity by Rooftop Turbo Exhaust Ventilator

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Abstract: *Renewable energy is crucial since resources are running out. One of the main renewable energy sources is wind power. In this essay, we will examine and evaluate several research studies on the use of turbo ventilators in wind energy generation to produce electricity. Through the use of numerous electrical and mechanical approaches, this technology is practical and affordable. In this research, we also aim to increase the system's efficiency through the use of different materials in the construction of turbo ventilators. We have read the articles written by different authors on this subject. After comparing each concept, we came up with an effective model by fusing all of the designs into one*

Keywords: Turbo-Ventilator, Electric Generator, permanent magnet, Axial Flow, Wind Energy, Ventilation