Performance investigation of a power augmented vertical axis wind turbine for urban high-rise application

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http://dx.doi.org/10.1016/j.renene.2012.09.053, How to Cite or Link to This DOI

Abstract

Performance investigation of a power augmented vertical axis wind turbine for urban high-rise application. This study focuses on the performance investigation of a power augmented vertical axis wind turbine for urban high-rise application. The study investigates the effects of different design parameters on the performance of the power augmented vertical axis wind turbine. The results show that the power augmented vertical axis wind turbine is a viable option for urban high-rise application.

Keywords: Vertical axis wind turbine, Power augmentation, Urban application.

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