

عنوان مقاله:

Introducing Kite Generator for Supplying Energy in Distribution Network

محل انتشار:

هفتمین کنفرانس ملی ایده های نو در مهندسی برق (سال: 1401)

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خلاصه مقاله:

Wind power around the world has the potential to supply energy to the whole world. In particular, it has been shown that by exploiting only ۲۰% of the terrestrial sites in the world (i.e., with an average wind speed of more than ۶.۹ m/s, at an altitude of ۸۰ m above the ground), it is possible to supply the entire world's electricity demand. However, it is not possible to take advantage of this potential with competitive prices and using current technology based on wind towers. In this paper, briefly, the important points related to the kite generator are presented, in order to depict the motivations of working on kite generator optimisation for future works.

کلمات کلیدی:

Distribution Network, Kite Generator, Wind

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