

## عنوان مقاله:

Control voltage and power a wind turbine with Using of Enhanced system AC-DC-AC converter in different Torques

## محل انتشار:

کنفرانس توسعه پژوهش های نوین در مهندسی برق و کامپیوتر (سال: 1395)

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## خلاصه مقاله:

This study aims to address the control system of a convener, AC/DC- DC/DC- DC/AC. DC-DC convener involves in providing two main- objectives: accessing to the maximum point of power as well as controlling the voltage and frequency produced be a speed – variable windy turbine equipped with a permanent magnetic synchronous generator for different wind's speed (different moments). Windy turbine is connected directly to a PM generator. It acts as a generator's direct drive, whose advantage is elimination of losses from gearbox. Finally, in order to realize mentioned .objectives, the propel functioning of the proposed converter will be addressed through infidel

## کلمات کلیدی:

boost converter, output frequency and voltage control, permanent magnetite synchronous generators (PMSG), intelligent algorithms, minimum point tracker

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/572835>

