

عنوان مقاله:

Variable Speed Wind Turbine DFIG Modeling for Dynamic Stability study of Grid

محل انتشار:

اولین همایش سراسری محیط زیست، انرژی و پدافند زیستی (سال: 1392)

تعداد صفحات اصل مقاله: 6

نویسندگان:

A. Amin Heydari

B. Sadeq Karamizade

C. Hamidreza Koofgar

خلاصه مقاله:

One of the most important problems in wind Micro Grids connected to the distribution networks is fast and proper response to the instabilities due to sudden disturbances. In this paper to study of system behavior encountered disturbances, steady state and transient dynamic response of Micro Grids equipped by DFIG will be simulated by using of Cruise equations. Dynamic response of voltage, frequency rotor and stator currents will be discussed by this simulation. The results show that simulated machine has been fast response and robust performance in contrast with load sudden changes and grid disturbances.

کلمات کلیدی:

Micro-Grid, DFIG, SIMULINK

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