

## PEES Power Systems

# Dehong Wind Power Generation



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### Dehong XU , Doctor of Philosophy , Zhejiang University, ...

This chapter introduces the commonly used fault ride-through strategies for the doubly fed induction generator (DFIG) wind power generation system (WPS), which include the improved control

## Advanced Control of Doubly Fed Induction Generator for Wind Power

Filled with illustrations, problems, models, analyses, case studies, selected simulation and experimental results, Advanced Control of Doubly Fed Induction Generator for Wind Power Systems provides ...

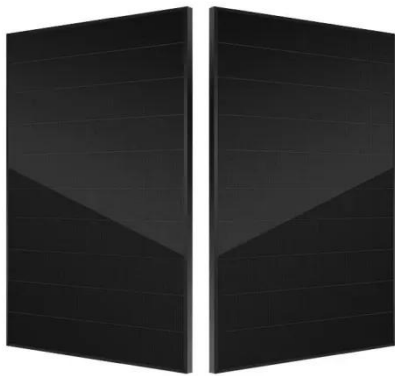


### Advanced control of doubly fed induction generator for wind power

Advanced control of doubly fed induction generator for wind power systems / Dehong Xu, Frede Blaabjerg, Wenjie Chen, Nan Zhu

## Advanced Control of Doubly Fed Induction Generator for Wind Power

DEHONG XU, PHD, is a Professor in the College of Electrical Engineering of Zhejiang University, China, where he teaches modelling and control of power electronics and renewable systems. FREDE ...

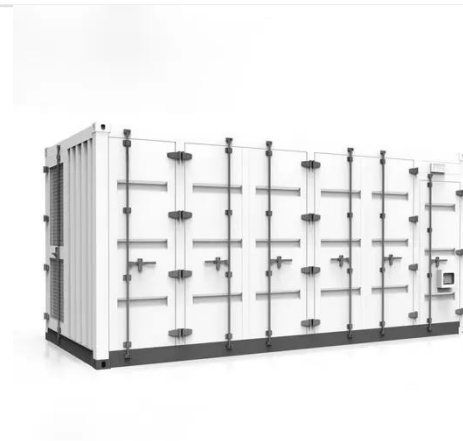


## Control of Capturing the maximum wind energy with DFIG

On the basis of the system structure with doubly-fed induction generator (DFIG) and its mathematical model, this paper analyzes the principle of capturing the maximum wind energy, and designs the vector control ...

## Basics of Wind Power Generation System (2018) , Dehong Xu , 9 ...

(DOI: 10.1002/9781119172093 2) This chapter introduces the basic knowledge related to modern wind power generation system (WPS), especially for the variable-speed WPS. It explains the important parts of the ...



## Advanced Control of Doubly Fed Induction Generator for Wind Power



, Book (Hardcover), Xu Dehong, 496 pages Description Covers the fundamental concepts and advanced modelling techniques of Doubly Fed Induction Generators accompanied by analyses and simulation results ...

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