ORIGINAL **ARTICLE**

LOW VOLTAGE RIDE THROUGH CONTROL STRATEGY FOR DFIG BASED WIND TURBINE WITH FUZZY CONTROLLER

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ABSTRACT

This paper deals with the Low Voltage Ride Through (LVRT) control scheme for the Doubly Fed Induction Generator (DFIG) based Wind Turbine (WT). Due to the increase in power demand the renewable energy source are used to compensate the demand. In this, wind energy system plays a vital role. The rise in penetration of wind source leads to the study of LVRT . The wind system is required to be connected with the grid even under low voltage, which is one of the grid code requirements.

Article Indexed in

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Review of the Article:

The present study focuses on Low Voltage Ride Through Control Strategy For DFIG Based Wind Turbine With Fuzzy Controller. The introduction builds a logical case and context for the problem statement. The problem statement is clear and well articulated. The conceptual framework is explicit and justified

Abstract:

The abstract is complete, essential details are presented. The results in the abstract are presented in sufficient and specific detail. The conclusions in the abstract are justified by the information in the abstract and the text. There are no inconsistencies in detail between the abstract and the text.

Reference to the Literature and Documentation:

The literature review is up-to-date. The number of references are appropriate and their selection is judicious. The review of the literature is well integrated. The references are mainly primary sources.

Instrumentation, Data Collection:

The development and content of the instrument are sufficiently described and are sufficiently detailed to permit the study to be replicated The measurement instrument is appropriate given the study's variables; the scoring method is clearly defined. The data set is sufficiently described.

Data Analysis and Statistic:

Data analysis procedures are sufficiently described, and are sufficiently detailed to permit the study to be replicated.

Presentation and Documentation:

Results are organized in a way that is easy to understand. Results are presented effectively; the results are contextualized. The results are complete. The amount of data presented is sufficient and appropriate. Tables & figures are used judiciously and agree with the text.

Discussion and Conclusion:

Conclusions are little short. The conclusions should be clearly stated; key points stand out.

Scientific Conduct:

There are no instances of plagiarism. Ideas and materials of others are correctly attributed.

Overall the study is relevant to the mission of the journal or its audience.

SUMMARY OF ARTICLE

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✔				
2.	Originally & Novelty of the ideas		✔			
3.	Importance of the proposed ideas	✔				
4.	Timelines			✔		
5.	Sufficient information to support the assertions made & conclusion drawn	✔				
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✔			
7.	References & Citation (Up-to-date, Appropriate Sufficient)		✔			

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This is to certify our Editorial, Advisory and Review Board accepted research paper of V.K.Dinesh Prabu,R.Dhivya,K.Kandan, Dr.C.Kumar Topic:-Low Voltage Ride Through Control Strategy For DFIG Based Wind Turbine With Fuzzy Controller. College:-Ph.D.Electrical and Electronic Engineering. The research paper is Orignal & Innovation it is done Double Blind Peer Reviewed. Your article is published in the month of June Year 2015.

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This is to certify our Editorial, Advisory and Review Board accepted research paper of V.K.Dinesh Prabu,R.Dhivya,K.Kandan, Dr.C.Kumar Topic:--Low Voltage Ride Through Control Strategy For DFIG Based Wind Turbine With Fuzzy Controller College:- Ph.D , Electrical and Electronic Engineering. The research paper is Original & Innovation it is done Double Blind Peer Reviewed. Your article is published in the month of June Year 2015.

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