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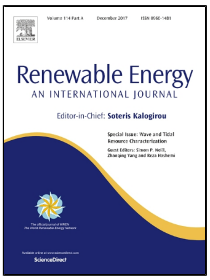

An Approach Combining Data Mining and Control Charts-based Model for Fault Detection in Wind Turbines

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PII:	S0960-1481(17)30865-0
DOI:	10.1016/j.renene.2017.09.003
Reference:	RENE 9201
To appear in:	*Renewable Energy*
Received Date:	19 May 2017
Revised Date:	23 August 2017
Accepted Date:	03 September 2017

Please cite this article as: Hsu-Hao Yang, Mei-Ling Huang, Chun-Mei Lai, Jhih-Rong Jin, An Approach Combining Data Mining and Control Charts-based Model for Fault Detection in Wind Turbines, *Renewable Energy* (2017), doi: 10.1016/j.renene.2017.09.003

- A control charts-based model for detecting faults in wind turbines is proposed.
- Exponentially weighted moving average (EWMA) chart is used for residual approach.
- Multivariate EWMA (MEWMA) outperforms EWMA for early detection of errors.