

REFERENCES

- 1) Ayong Hiendro, Rudi Kurnianto, Managam Rajagukguk, Yohannes M. Simanjuntak, Junaidi, in: “*Techno-economic analysis of photovoltaic/wind hybrid system for onshore/remote area in Indonesia*”, Energy, Vol.59, pg.652-657, 2013
- 2) Asress Mulugeta Biadgo, Aleksandar Simonovic, Dragan Komarov, Slobodan Stupar, in: “*Numerical and Analytical Investigation of Vertical Axis Wind Turbine*”, FME Transactions, VOL. 41, No 1, 2013
- 3) K.K. Sharma, A.Biswas, R. Gupta, in: “*Performance Measurement of a Three-Bladed Combined Darrieus-Savonius Rotor*”, INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH, Vol.3, No.4, 2013
- 4) Bruce Champagnie, Geatjens Altenor, Antonia Simonis, in: “*High Wind Energy*”, EML 4905 Senior Design Project, Florida International University, 2013.
- 5) K.K. Sharma, A.Biswas, R. Gupta, in: “*Comparative study of a three-bucket Savonius rotor with a combined three-bucket Savonius–three-bladed Darrieus rotor*”, Renewable Energy, Vol.33, 2008.
- 6) M.H. Mohamed, A.M Ali, A.A Hafiz, in: “*CFD analysis for H-rotor Darrieus turbine as a low speed wind energy converter*”, Engineering Science and Technology, an International Journal 18 (2015) 1-13.
- 7) Gebrelibanos, K. G. (2013). Master of Science Thesis. *Feasibility Study of Small Scale Standalone Wind Turbine for Urban Area*, 17-20.
- 8) U.S Department of Energy. (n.d.). *How Do Wind Turbines Work?* Retrieved from U.S Department of Energy Web site: <http://energy.gov/eere/wind/how-do-wind-turbines-work>
- 9) Hossain, A., Rahman, A., Arifin, M., Mazian, M., & Iqbal, A. (2007, May 13). *Design and Development of 1 1/3 Scale Vertical Axis Wind Turbines for Electrical Power Generation*. Journal of Urban and Environmental Engineering, 53-60.
- 10) Indonesia Wind Energy Society. (2012). *Wind Energy Potential and Development in Indonesia. The Second Clean Power Asia*. Denpasar, Bali.

- 11) Castillo, J. (2011). Bachelor's Thesis . *Small Scale Vertical Axix Wind Turbine Design*, 45.
- 12) Albertus Nagaputra Rumawas (2016, June). *Development and Analysis of Darrieus Type Wind Turbine for Low Speed Wind*. Swiss German University. 42
- 13) Nur Rizza Muhammad (2016, July). *DEVELOPING AN H-ROTOR DARRIEUS VERTICAL AXIS WIND TURBINE USING DIFFERENT TYPE OF BLADES FOR LOW WIND SPEED IN INDONESIA*. Swiss German University. 10-35.
- 14) Jamal A. Baroudi, Venkata Dinavahi, Andrew M. Knight (2007, January). *Renewable Energy*. Department of Electrical and Computer Engineering, University of Alberta. 2369–2385
- 15) Bogdan S. Borowy, Ziyad M. Salameh (1997, March). *Dynamic Response of a Stand-Alone Wind Energy Conversion System with Battery Energy Storage to a Wind Gust*. Department of Electrical Engineering, University of Massachusetts Lowell. *IEEE Transactions on Energy Conversion*, Vol. 12, No. 1
- 16) Chu Xiao Guang and Kong Ying (2014). *Power control for direct-driven permanent magnet wind generator system with battery storage*. *InfoTrac Science Collection 2017*
- 17) Michael J. Moran, N. Shapiro, Bruce R. Munson, David P. DeWitt, "Introduction to Thermal Systems Engineering: Thermodynamics, Fluid Mechanics, and Heat Transfer" , John Wiley & Sons, Inc, 2003