



## DAFTAR PUSTAKA

- [1] Richard E. Smalley, “Our Energy Challange,” in *Senate Committe on Energy and Neutral Resources*, 2005.
- [2] Dewan Energi Nasional, “LAPORAN Dewan Energi Nasional 2014,” Jakarta, 2014.
- [3] “Bauran Energi Indonesia Kian Baik.” [Daring]. Tersedia pada: <https://indonesia.go.id/narasi/indonesia-dalam-angka/ekonomi/bauran-energi-indonesia-kian-baik>. [Diakses: 30-Jul-2019].
- [4] EMD International A/S, “Wind Energy Resources of Indonesia,” 2015. [Daring]. Tersedia pada: <http://indonesia.windprospecting.com/>. [Diakses: 30-Jul-2019].
- [5] Churchill Otieno Saoke, Joseph Ngugi Kamau, Robert Kinyua, Yoshifumi Nishizawa, dan Izumi Ushiyama, “Power Performance of an Inversely Tapered Wind Rotor and its Air Flow Visualization Analysis Using Particle Image Velocimetry (PIV),” *Am. J. Phys. Appl.*, vol. 3, no. 1, hal. 6–14, 2015.
- [6] Maryam Refan dan Horia Hangan, “Aerodynamic Performance of a Small Horizontal Axis Wind Turbine,” *J. Sol. Energy Eng.*, vol. 134, no. 2, hal. 021013, 2012.
- [7] Su Liu dan Isam Janajreh, “Development and application of an improved blade element momentum method model on horizontal axis wind turbines,” *Int. J. Energy Environ. Eng.*, vol. 3, no. 1, hal. 1–10, 2012.
- [8] Shubham Deshmukh dan Manabendra M. De, “Investigation of Blade Geometry Linearization on Performance of Small Wind Turbine,” in *61st Conference of the Indian Society of Theoretical and Applied Mechanics*, 2016, hal. 2–9.
- [9] Mojtaba Tahani, Ghazale Kavari, Mehran Masdari, dan Mojtaba Mirhosseini, “Aerodynamic design of horizontal axis wind turbine with innovative local linearization of chord and twist distributions,” *Energy*, vol. 131, hal. 78–91, 2017.
- [10] Xiongwei Liu, Lin Wang, dan Xinzi Tang, “Optimized linearization of chord and twist angle profiles for fixed-pitch fixed-speed wind turbine blades,” *Renew. Energy*, vol. 57, no. September, hal. 111–119, 2013.
- [11] Valentín Salgado, Cesar Troya, Gustavo Moreno, dan Jaime Molina, “Airfoil selection methodology for Small Wind Turbines,” *Int. J. Renew. Energy Res.*, vol. 6, no. 4, hal. 1410–1415, 2016.
- [12] UIUC Applied Aerodynamics, “Airfoil Data Site,” *University of Illinois at Urbana-Champaign*.



*Urbana-Champaign*, 2019. [Daring]. Tersedia pada: <http://mseigae.illinois.edu/ads/coord/naca0015.dat>. [Diakses: 04-Feb-2019].

- [13] J. F. Manwell, J. G. McGowan, dan A. L. Rogers, *Wind Energy Explained: Theory, Design and Application*, 2 ed. John Wiley & Sons Ltd., 2010.
- [14] *IEC 61400-2 Part 2: Small Wind Turbines*. Dokumen teknis, International Electrotechnical Comission, 2013.
- [15] Lentera Angin Nusantara, “Pengenalan Teknologi Pemanfaatan Energi Angin,” 2014.
- [16] “Windmill Furling.” [Daring]. Tersedia pada: <https://www.thebackshed.com/Windmill/Docs/Furling.asp>. [Diakses: 16-Sep-2019].
- [17] David Marten dan Juliane Wendler, *QBlade Guidelines - v0.6*. Dokumen teknis, 2013.
- [18] Mark Drela dan Harold Youngren, “XFOIL 6.9 User Primer,” 2001. [Daring]. Tersedia pada: [http://web.mit.edu/aeroutil\\_v1.0/xfoil\\_doc.txt](http://web.mit.edu/aeroutil_v1.0/xfoil_doc.txt). [Diakses: 22-Apr-2019].
- [19] Hugh Piggott dan Tim Kirby, *Windpower Workshop Building Your Own Wind Turbine*, 1 ed. 1997.
- [20] Atish Kumar Sahoo, “Static and Dynamic Balancing of Rotating Mass,” 2014. [Daring]. Tersedia pada: <https://www.slideshare.net/AtishkumarSahoo/presentation1-37248978>. [Diakses: 23-Sep-2019].
- [21] Yoshifumi Nishizawa, “An Experimental Study of the Shapes of Rotor for Horizontal-Axis Small Wind Turbines,” in *Wind Turbines*, D. I. Al-Bahadly, Ed. InTech, 2011, hal. 215–230.
- [22] *VORTEX “POLE MOUNT” ANEMOMETER*. Dokumen teknis, Inspeed.
- [23] *The Sky Dancer*. Dokumen teknis, Lentera Angin Nusantara, 2015.