

DAFTAR PUSTAKA

- [1] K. Z. R. Sari, . Y., and . S., “Potensi Energi Angin Pada Kawasan Pesisir Pantai untuk Menghasilkan Energi Listrik,” *J. Pendidikan, Sains Dan Teknol.*, vol. 2, no. 4, pp. 979–981, 2023, doi: 10.47233/jpst.v2i4.1317.
- [2] Kementerian Koordinator Bidang Kemaritiman dan Investasi, “Menko Maritim Luncurkan Data Rujukan Wilayah Kelautan Indonesia.” [Online]. Available: <https://maritim.go.id/detail/menko-maritim-luncurkan-data-rujukan-wilayah-kelautan-indonesia>
- [3] A. C. Adi, “Hingga 2030, Pemerintah Bidik Tambahan Kapasitas Terpasang PLTB 5 GW,” KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL. Accessed: Mar. 19, 2025. [Online]. Available: <https://www.esdm.go.id/id/media-center/arsip-berita/hingga-2030-pemerintah-bidik-tambahan-kapasitas-terpasang-pltb-5-gw->
- [4] Z. B. Duranay, H. Güldemir, and B. Coşkun, “The Role of Wind Turbine Siting in Achieving Sustainable Energy Goals,” *Processes*, vol. 12, no. 12, pp. 1–18, 2024, doi: 10.3390/pr12122900.
- [5] M. A. Al-Rawajfeh and M. R. Goma, “Comparison between horizontal and vertical axis wind turbine,” *Int. J. Appl. Power Eng.*, vol. 12, no. 1, pp. 13–23, 2023, doi: 10.11591/ijape.v12.i1.pp13-23.
- [6] L. A. Mitule, G. Oprina, R. A. Chihai, S. Nicolaie, A. Nedelcu, and M. Popescu, “Wind tunnel testing for a new experimental model of counter-rotating wind turbine,” *Procedia Eng.*, vol. 100, no. January, pp. 1141–1149, 2015, doi: 10.1016/j.proeng.2015.01.477.
- [7] S. Z. Shuja, M. Alotaibi, and S. Rehman, “Evaluation of Onshore Wind Power Potential to Maximize Renewable Energy-Supported Transportation Electrification – Applied Along the Red Sea Coast of Saudi Arabia,” *FME Trans.*, vol. 53, no. 1, pp. 85–104, 2025, doi: 10.5937/FME2501085S.
- [8] G. Oprina, R. A. Chihai, S. Nicolaie, B. A. B. U. T. A. N. U. C. A, and A. Voinea, “A REVIEW ON COUNTER-ROTATING WIND TURBINES DEVELOPMENT,” vol. 7, no. 3, pp. 91–98, 2016.

- [9] X. Zhao, P. Zhou, X. Liang, and S. Gao, "The aerodynamic coupling design and wind tunnel test of contra-rotating wind turbines," *Renew. Energy*, vol. 146, pp. 1–8, 2020, doi: <https://doi.org/10.1016/j.renene.2019.06.118>.
- [10] S. T. K. Miller, B. D. Keim, R. W. Talbot, and H. Mao, "Sea breeze: Structure, forecasting, and impacts," *Rev. Geophys.*, vol. 41, no. 3, 2003, doi: 10.1029/2003RG000124.
- [11] A. Ragil Kusuma, P. Fisika, and F. Keguruan dan, "Studi Literatur: Mekanisme Angin Darat Dan Laut Serta Dampaknya Oleh Nelayan," *J. Fis. dan Pembelajarannya*, vol. 7, no. 1, pp. 2024–2654, 2024, doi: 10.31605/phy.v7i1.3831.
- [12] H. Fadilah, M. F. Soetanto, and K. Kunci, "Pengembangan Turbin Angin Jenis Savonius dengan Bilah Kombinasi Profil Lurus dan Sudut Potong Bilah," pp. 24–25, 2024.
- [13] M. H. FADILLAH, "PEMBUATAN DAN PENGUJIAN MODEL TURBIN ANGIN 2 TINGKAT TIPE PROPELER DENGAN VARIASI SUDUT SERANG PADA TEROWONGAN ANGIN," 2016. [Online]. Available: <https://core.ac.uk/download/pdf/231008872.pdf>
- [14] A. Indriani, G. Manurung, N. Daratha, and H. Hendra, "Perancangan Turbin Sumbu Horizontal dan Sumbu Vertikal untuk Pembangkit Listrik Tenaga Angin (Studi Kasus di Kota Bengkulu)," *J. Amplif. J. Ilm. Bid. Tek. Elektro Dan Komput.*, vol. 9, no. 2, pp. 1–6, 2019, doi: 10.33369/jamplifier.v9i2.15376.
- [15] P. Siagian and Fahreza, "Rekayasa Penanggulangan Fluktuasi Daya Pembangkit Listrik Tenaga Angin Dengan Vehicle to Grid (V2G)," *Semin. Nas. Teknol. Komput. Sains*, pp. 356–361, 2020, [Online]. Available: <https://prosiding.seminar-id.com/index.php/sainteks>
- [16] H. Geng and G. Yang, "Linear and Nonlinear Schemes Applied to Pitch Control of Wind Turbines," *ScientificWorldJournal.*, vol. 2014, p. 406382, Sep. 2014, doi: 10.1155/2014/406382.

- [17] F. M. White, *Fluid Mechanics 4 ed.* McGraw-Hill.Co, 2001.
- [18] R. RAMADHAN, *ANALISIS KARAKTERISTIK BILAH TIPE TAPERLESS DENGAN AIRFOIL NACA 4415 PADA HORIZONTAL AXIS WIND TURBINE (HAWT)*, vol. 33, no. 1. 2022.
- [19] E. Hau, *Wind turbines - Fundamentals, technologies, applications and economics*. 2013.
- [20] O. Oguclu, Ç. Y. Yıldırım, Ö. Öğüçlü, and Ç. Y. Yildirim, "Topology Optimization of the Blade Support Plates of a Helical Vertical Axis Wind Turbine," no. May, 2022, [Online]. Available: <https://www.researchgate.net/publication/360362122>
- [21] E. S. P. B. V and B. G. Newman, "MULTIPLE ACTUATOR-DISC THEORY FOR WIND TURBINES," *Science (80-.)*, vol. 24, pp. 215–225, 1986.
- [22] T. S. No, J.-E. Kim, J. H. Moon, and S. J. Kim, "Modeling, control, and simulation of dual rotor wind turbine generator system," *Renew. Energy*, vol. 34, no. 10, pp. 2124–2132, 2009, doi: <https://doi.org/10.1016/j.renene.2009.01.019>.
- [23] M. R. HASAN, "PEMBUATAN DAN PENGUJIAN KARAKTERISTIK MODEL TURBIN ANGIN BERTINGKAT 1 DAN 2 TIPE 3 PROPEILER DENGAN VARIASI JARAK ANTAR TINGKAT, SUDUT SERANG DAN SUDUT," 2020.
- [24] P. Sutikno and D. B. Saepudin, "Design and blade optimization of contra rotation double rotor wind turbine," *Int. J. Mech. Mech. Eng.*, vol. 11, no. 1, pp. 16–25, 2011.