

DAFTAR PUSTAKA

- Adam, M., Harahap, P., dan Nasution, M. R., (2019), Analisa Pengaruh Perubahan Kecepatan Angin Pada Pembangkit Listrik Tenaga Angin (PLTA) Terhadap Daya Yang Dihasilkan Generator DC, (Online), RELE: Jurnal Teknik Elektro, Vol. 2 No. 1.
- Burton, T., Sharpe, D., Jenkins, N., and Bossanyi, E. (2001). *Wind Energy Handbook*. John Wiley & Sons, Ltd. New York, NY. ISBN 0-471-48997-2.
- Gualtieri, G., and Secci, S., (2011). Wind shear coefficients, roughness length and energy yield over coastal locations in Southern Italy. *Journal of Renewable Energy* 36 (2011) 1081e1094.
- Gualtieri, G., and Secci, S., (2012). Methods to extrapolate wind resource to the turbine hub height based on power law: A 1-h wind speed vs. Weibull distribution extrapolation comparison. *Journal of Renewable Energy* 43 (2012) 183e200.
- Gualtieri, G., (2021). Reliability of ERA5 Reanalysis Data for Wind Resource Assessment: A Comparison against Tall Towers. *Energies* 2021, 14, 4169.
- Hesty, N. W., Cendrawati, D. G., Aminuddin., Pranoto, B., Fithri, S. R., dan Fahim, A., (2022), Estimasi Potensi Energi Angin Indonesia Menggunakan Model Weather Research and Forecast – Four Dimension Data Assimilation (WRF-FDDA), (Online), *Jurnal Sains Dirgantara*, Vol. 19 No 2, 11 – 20.
- Jung, C., Schindler, D., (2021). The role of the power law exponent in wind energy assessment: A global analysis. *International Journal of Energy Research* published by John Wiley & Sons Ltd.
- Letcher, T., (2023). *Wind Energy Engineering*. Second Edition. Elsevier.
- Lampiran I Peraturan Presiden Republik Indonesia Nomor 22 Tahun 2017 Tentang Rencana Umum Energi Nasional.
- Manwell, J. F., McGowan, J. G., and Rogers, A.L., (2009). *Wind energy explained: theory, design, and application*. John Wiley & Sons Ltd, United Kingdom.
- Martosaputro, S., dan Murti, N., (2014). Blowing the Wind Energy in Indonesia, (Online), *Jurnal Energy Procedia* 47:273-282.
- Masters, G. M., (2004). *Renewable and Efficient Electric Power Systems*. John Wiley & Sons, Inc. Hoboken, New Jersey. ISBN 0-471-28060-7
- Muhajir, F., dan Sinaga, N., (2021), Tinjauan Pemanfaatan Energi Bayu Sebagai Pembangkit Listrik di Provinsi Sulawesi Selatan, (Online), *Jurnal Teknika*, *Teknika* 15 (01):55-61,
- Okorie, M. E., Inambao, F., and Chiguvare, Z., (2017). Evaluation of Wind Shear Coefficients, Surface Roughness and Energy Yields over Inland Locations in Namibia. *International Conference on Sustainable Materials Processing and Manufacturing, SMPM 2017, 23-25 January 2017, Kruger National Park*.
- Presiden Republik Indonesia. Lampiran I Peraturan Presiden Republik Indonesia Nomor 22 Tahun 2017 Tentang Rencana Umum Energi Nasional.
- Rehman, S., and Al-Abbadi, N. M., (2008). Wind shear coefficient, turbulence intensity and wind power potential assessment for Dhulom, Saudi Arabia. *Renewable Energy* 33 (2008) 2653–2660

- Rozak, O. A., Carmanto, A., Saputra, A., dan Januarianto, T., (2023), Pengaruh Kecepatan Angin Terhadap Keluaran Generator DC pada Turbin Angin, (Online), Jurnal Otomasi Kelistrikan dan Energi Terbarukan, Vol. 5 No. 1
- Samosir, A. S., dan Riszal, A., (2021), The effect analysis of wind speed variation to the horizontal axis wind turbine design with Q-blade, (Online), IOP Conference Series: Materials Science and Engineering, 012009.
- Sekretariat Direktorat Jenderal Ketenagalistrikan. (2023). Statistik Ketenagalistrikan Tahun 2022. Edisi NO. 36
- Syafaruddin, Muslimin, Z., Said F. R., Ananda, A. T., and Latief, S., (2016), Modeling and Simulation of Wind Power with Permanent Magnet Synchronous Generator (PMSG), ICIC Express Letters.
- Said, S. M., Akil, Y. S., Mazkir, dan M. H., (2019), GIS Approach for Wind Power Plant Development in South Sulawesi, Indonesia: A Location Suitability Analysis, AIP Conference Proceedings 2097.
- The Wind Power. Wind Farms General data. <https://www.thewindpower.net>, diakses 18 September 2024
- Utomo, R. M., Rifaldi, M., Tandiminanga, A., Andini, S. M., dan Alham, N. R., (2022), Power Generation Potential Based on Wind Speed Variations in Wind Power Plant Prototypes, Proceeding of 5th the International Conference on Tropical Studies and Its Applications.
- Werapun, W., Tirawanichakul, Y., and Waewsak, J., (2017). Wind Shear Coefficients and their Effect on Energy Production. International Conference on Alternative Energy in Developing Countries and Emerging Economies 2017 AEDCEE, 25-26 May 2017, Bangkok, Thailand.
- Yang, X., Jiang, X., Liang, S., Qin, Y., Ye, F., Ye, B., Xu, J., He, X., Wu, J., Dong, T., Cai, X., Xu, R., and Zeng, Z., (2024). Spatiotemporal variation of power law exponent on the use of wind energy. *Journal of Applied Energy* 356 (2024) 122441