

## DAFTAR PUSTAKA

- [1] Kementerian ESDM RI, *Handbook of Energy & Economic Statistics of Indonesia 2020*. Jakarta: Kementerian Energi dan Sumber Daya Mineral Republik Indonesia, 2021.
- [2] BPPT, *Outlook Energi Indonesia 2021*. Jakarta: Badan Pengkajian dan Penerapan Teknologi, 2021.
- [3] Kementerian ESDM RI, “Capaian Kinerja 2020 & Program 2021,” Jakarta Pusat, Jan. 07, 2021.
- [4] J. Widodo, “Peraturan Presiden Nomor 131 Tahun 2015 tentang Penetapan Daerah Tertinggal Tahun 2015 hingga 2019.” Lembaran Negara Republik Indonesia, Nov. 04, 2015.
- [5] S. Nazara, “Energy Transition Policy In Indonesia,” KemenkeuRI, Dec. 07, 2020. Accessed: Jan. 23, 2022. [Online]. Available: [https://iesr.or.id/wp-content/uploads/2020/12/Indonesia-Energy-Transition-Dialogue\\_IETD-Wamen-kemenkeu.pdf](https://iesr.or.id/wp-content/uploads/2020/12/Indonesia-Energy-Transition-Dialogue_IETD-Wamen-kemenkeu.pdf)
- [6] Ditjen EBTKE, *Statistik EBTKE 2016*. Jakarta: Direktorat Jenderal Energi Baru, Terbarukan dan Konservasi Energi, 2016.
- [7] A. M. Al Jubori, R. K. Al-Dadah, S. Mahmoud, and A. Daabo, “Modelling and parametric analysis of small-scale axial and radial-outflow turbines for Organic Rankine Cycle applications,” *Appl. Energy*, vol. 190, pp. 981–996, Mar. 2017, doi: 10.1016/j.apenergy.2016.12.169.
- [8] H. Sun, J. Qin, T.-C. Hung, H. Huang, and P. Yan, “Performance Analysis of Low Speed Axial Impulse Turbine Using Two Type Nozzles for Small-Scale Organic Rankine cycle,” *Energy*, vol. 169, Dec. 2018, doi: 10.1016/j.energy.2018.12.091.
- [9] L. Talluri and G. Lombardi, “Simulation and Design Tool for ORC Axial Turbine Stage,” *Energy Procedia*, vol. 129, pp. 277–284, Sep. 2017, doi: 10.1016/j.egypro.2017.09.154.
- [10] P. Streit and A. P. Weiß, “Parameterized, numerical design of a two-wheel Curtis steam turbine for small scale WHR,” *MATEC Web Conf.*, vol. 345, p. 00031, 2021, doi: 10.1051/mateconf/202134500031.
- [11] T. T. Naas *et al.*, “Performance enhancement of three-stage axial turbine for Clean Organic Rankine Cycle system driven by low-temperature heat source,” *Clean. Eng. Technol.*, vol. 5, p. 100336, Dec. 2021, doi: 10.1016/j.clet.2021.100336.



- [12] K. M. Khalil, S. Mahmoud, and R. K. Al-Dadah, "Development of innovative non-repeated annular area dual stage small-scale nitrogen axial turbine for hybrid open-closed Rankine cycle," *Energy Convers. Manag.*, vol. 164, pp. 157–174, May 2018, doi: 10.1016/j.enconman.2018.02.088.
- [13] F. B. Salisbury and C. W. Ross, *Fisiologi Tumbuhan Jilid 2*. Bandung: Institut Teknologi Bandung, 1992.
- [14] P. McKendry, "Energy production from biomass (part 1): overview of biomass," *Bioresour. Technol.*, vol. 83, no. 1, pp. 37–46, May 2002, doi: 10.1016/S0960-8524(01)00118-3.
- [15] H. Cheng and Y. Hu, "Municipal solid waste (MSW) as a renewable source of energy: Current and future practices in China," *Bioresour. Technol.*, vol. 101, no. 11, pp. 3816–3824, Jun. 2010, doi: 10.1016/j.biortech.2010.01.040.
- [16] D. M. Novita, "Perhitungan Nilai Kalor Berdasarkan Komposisi Dan Karakteristik Sampah Perkotaan di Indonesia Dalam Konsep Waste to Energy," *J. Tek. Lingkungan.*, vol. 16, no. 2, pp. 103–114, Oct. 2010.
- [17] Y. A. Cengel and M. A. Boles, *Thermodynamics: an engineering approach*. Boston: McGraw Hill, 2006.
- [18] S. M. Ghiaasiaan, *Two-phase flow, boiling and condensation in conventional and miniature systems*. New York: Cambridge University Press, 2008.
- [19] UNEP, *Energy Efficiency Guide for Industry in Asia*. United Nations Environment Programme Division of Technology, Industry and Economics, 2006. [Online]. Available: <https://wedocs.unep.org/rest/bitstreams/16095/retrieve>
- [20] P. Shlyakhin, *Steam turbines: theory and design*. Honolulu, Hawaii: University Press of the Pacific, 2005.
- [21] D. P. Barus, "Rancangan Turbin Uap Penggerak Generator Kapasitas 1 Mw Pada Pabrik Kelapa Sawit," Skripsi, Universitas Sumatera Utara, Medan, 2009.
- [22] M. M. El-Wakil, *Instalasi Pembangkit Daya*, 1st ed. Jakarta: Erlangga, 1992.
- [23] B. R. Munson, T. H. Okiishi, and W. W. Huebsch, *Fundamentals of fluid mechanics*, 6th ed. Hoboken, NJ: J. Wiley & Sons, 2009.
- [24] O. Dubitsky, "Preliminary Sizing of Supersonic Turbines with Partial Admission for Best Performance Using AXIAL™," Apr. 27, 2018. <https://www.conceptsnrec.com/blog/preview-sizing-of-supersonic-turbines-with-partial-admission-for-best-performance-using-axial> (accessed May 25, 2022).



- [25] J. Surwilo, P. Lampart, and M. Szymaniak, "CFD analysis of fluid flow in an axial multi-stage partial-admission ORC turbine," *Open Eng.*, vol. 5, no. 1, Jan. 2015, doi: 10.1515/eng-2015-0042.
- [26] Daryanto, *Contoh Perhitungan Turbin Uap*. Bandung: Tarsito, 1985.
- [27] IIT Bombay, *Properties of Water and Steam (Thermodynamic Properties of Ordinary Water Substance)*. Indian Institute of Technology Bombay, 2016.

