

## DAFTAR PUSTAKA

- [1] H. Ritchie, “How long before we run out of fossil fuels?,” 08-Aug-2017. [Online]. Available: <https://ourworldindata.org/how-long-before-we-run-out-of-fossil-fuels>. [Accessed: 07-Nov-2020].
- [2] S. Abolhosseini, A. Heshmati, and J. Altmann, “A Review of Renewable Energy Supply and Energy Efficiency Technologies,” IZA 8145 discussion paper, pp. 4–20, 2014.
- [3] Antarafoto.com. 2018. “Plts Desa Terisolir”. [Online] Available: <https://www.antarafoto.com/asian-games-2018/v1507467621/plts-desa-terisolir>.
- [4] Kementrian Energi dan Sumber Daya Mineral Republik Indonesia (ESDM). 2018. “PLTMH Resmi Beroperasi, Listrik Kini Terangi Masyarakat Sarolangun dan Merangin”. [Online] Available: <https://www.esdm.go.id/id/media-center/arsip-berita/pltmh-resmi-beroperasi-listrik-kini-terangi-masyarakat-sarolangun-dan-merangin>.
- [5] Direktorat Jendral EBTKE. 2019. “Kejar Target Bauran Energi 2025, Dibutuhkan Investasi EBT Hingga USD36,95 Miliar”. [Online] Available: <https://ebtke.esdm.go.id/post/2019/12/06/2419/kejar.target.bauran.energi.2025.dibutuhkan.investasi.ebt.hingga.usd3695.miliar>
- [6] Direktorat Jendral EBTKE. 2020. “*Design and Control of PV Hybrid System in Practice*”. [Online] Available:

<https://ebtke.esdm.go.id/post/2020/09/01/2619/design.and.control.of.pv.hybrid.system.in.practice>

- [7] J. Waewsak, S. Ali, W. Natee, C. Kongruang, C. Chancham, and Y. Gagnon, “Assessment of hybrid, firm renewable energy-based power plants: Application in the southernmost region of Thailand,” *Renewable and Sustainable Energy Reviews*, vol. 130, p. 109953, Jun. 2020.
- [8] E. Comino, L. Dominici, F. Ambrogio, and M. Rosso, “Mini-hydro power plant for the improvement of urban water-energy nexus toward sustainability - A case study,” *Journal of Cleaner Production*, vol. 249, p. 119416, 2019.
- [9] H. El-Houari, A. Allouhi, S. Rehman, M. Buker, T. Kousksou, A. Jamil, and B. E. Amrani, “Feasibility evaluation of a hybrid renewable power generation system for sustainable electricity supply in a Moroccan remote site,” *Journal of Cleaner Production*, vol. 277, p. 123534, 2020.
- [10] C. Herbert and E. Phimister, “Private sector-owned mini-grids and rural electrification: A case study of wind-power in Kenya's tea industry,” *Energy Policy*, vol. 132, pp. 1288–1297, 2019.
- [11] R. T. Justis and B. Kreigsmann, “The feasibility study as a tool for venture analysis,” *Business Journal of Small Business Management* 17, pp. 35–42, 1979.
- [12] G. I. M. Young, “Feasibility Studies,” *Appraisal Journal* 38, pp. 367–383, 1970.

- [13] O. Ellaban, H. Abu-Rub, and F. Blaabjerg, "Renewable energy resources: Current status, future prospects and their enabling technology," *Renewable and Sustainable Energy Reviews* 39, pp. 748–764, 2014.
- [14] "Renewables 2010 Global Status Report." REN21, Sep-2010.
- [15] Michael Anissimov. Last Modified Date: November 12, "What is a Turbine?," wiseGEEK. [Online]. Available: <http://www.wisegeek.org/what-is-a-turbine.html>. [Accessed: 22-Nov-2020].
- [16] "Off-grid Renewable Energy Solutions." IRENA, Abu Dhabi, United Arab Emirates, 2018.
- [17] "Weather Data Collection Methods," Study.com. [Online]. Available: <https://study.com/academy/lesson/weather-data-collection-methods.html>. [Accessed: 22-Nov-2020].
- [18] "Tugas dan Fungsi" bmkg.co.id. [Online]. Available: <https://www.bmkg.go.id/profil/?p=tugas-fungsi>.
- [19] ArcGis Online. [Online]. Available: <https://www.esri.com/en-us/arcgis/products/arcgis-online/capabilities/make-maps>
- [20] ArcGis Online. [Online]. Available: <https://www.esri.com/en-us/arcgis/products/arcgis-online/overview>
- [21] "Clean Energy Ministerial". Energy.gov. Available: <https://www.energy.gov/ia/initiatives/clean-energy-ministerial>

- [22] "Canada, Mexico and the United States Show Progress on North American Energy Collaboration". News.gc.ca.
- [23] Mediatama, G. 2021. "Realisasi konsumsi dan produksi listrik nasional di tahun lalu meleset dari target". [Online]. Available: <https://industri.kontan.co.id/news/realisasi-konsumsi-dan-produksi-listrik-nasional-di-tahun-lalu-meleset-dari-target>
- [24] SNI 03-6196-2000
- [25] Peraturan Menteri Kesehatan Republik Indonesia Nomor 24 tahun 2016
- [26] Peraturan Menteri Kesehatan Republik Indonesia Nomor 3 tahun 2020
- [27] Peraturan Menteri Kesehatan Republik Indonesia Nomor 43 Tahun 2019
- [28] Saka Dwi Damdhani, A.,. "Studi Perencanaan PLTMH 1x12 kW sebagai Desa Mandiri Energi di Desa Karangsewu, Cisewu, Garut, Jawa Barat". Digilib.its.ac.id. [Online]. Available: <http://digilib.its.ac.id/public/ITS-Undergraduate-16580-2208100632-paperpdf.pdf>.
- [29] Web.pln.co.id. "Pelayanan sosial". [Online] Available: <https://web.pln.co.id/pelanggan/tarif-tenaga-listrik/pelayanan-sosial>.
- [30] Ebtke.esdm.go.id. 2017. "PLTB Sidrap, Pembangkit Listrik Tenaga Angin Terbesar di Indonesia". [Online] Available: <https://ebtke.esdm.go.id/post/2017/09/30/1759/pltb.sidrap.pembangkit.listrik.tenaga.angin.terbesar.di.indonesia>.

- [31] Goodenergy. "How do wind turbines work?". [Online] Available: <https://www.goodenergy.co.uk/how-do-wind-turbines-work/>
- [32] Unbound Solar. "Generator Sizing Guide For Off-Grid Solar Systems". [Online] Available: <https://unboundsolar.com/blog/generator-sizing-guide>
- [33] TWI Global. "How Long do Wind Turbines Last? Can Their Lifetime Be Extended?". [Online] Available: <https://www.twi-global.com/technical-knowledge/faqs/how-long-do-wind-turbines-last>
- [34] TMLEnergy. "Canadian Solar – Standard". [Online] Available: <https://www.tmlenergy.co.id/product/canadian-solar-standard/>
- [35] InterMountain Wind & Solar. 2017. "Solar Energy Systems: How to Calculate Available Roof Space". [Online] Available: <https://www.intermtnwindandsolar.com/solar-energy-systems-how-to-calculate-available-roof-space/>
- [36] Redlitz, Heidi. 2016. "Wind vs. Solar - Which Power Source is Better?". Greenfuture.io. [Online] Available: <https://greenfuture.io/solar/wind-vs-solar-energy>
- [37] Federal Trade Commission. "Solar Power for Your Home". [Online] Available: <https://www.consumer.ftc.gov/articles/0532-solar-power-your-home>
- [38] S. Gambone, "The Difference Between Off-Grid and On-Grid Solar Energy", Paradesolarenergy.com, 2021. [Online]. Available:

<https://www.paradisolarenergy.com/blog/difference-between-off-grid-and-on-grid-solar-energy>.