

DAFTAR PUSTAKA

- [1] “Produksi Minyak RI Makin Gak Ketolong, Ambles di Bawah 600.000 Barel!” Accessed: Jul. 21, 2024. [Online]. Available: <https://www.cnbcindonesia.com/news/20240530140204-4-542462/produksi-minyak-ri-makin-gak-ketolong-ambles-di-bawah-600000-barel>
- [2] “Potensi Energi Terbarukan di Indonesia | Renewable Energy.” Accessed: Jul. 17, 2024. [Online]. Available: <https://renewableenergy.id/potensi-energi-terbarukan-di-indonesia/>
- [3] D. Dzulfikar and W. Broto, “OPTIMALISASI PEMANFAATAN ENERGI LISTRIK TENAGA SURYA SKALA RUMAH TANGGA,” Universitas Negeri Jakarta, 2016, pp. SNF2016-ERE-73-SNF2016-ERE-76. doi: 10.21009/0305020614.
- [4] “Pemanfaatan Sinar Matahari Sebagai Energi Alternatif Untuk”.
- [5] N. Febriana Pratiwi, A. Pudir, and W. B. Mursanto, “Prosiding The 13th Industrial Research Workshop and National Seminar Bandung,” 2022.
- [6] A. Barbón, C. Bayón-Cueli, L. Bayón, and V. Carreira-Fontao, “A methodology for an optimal design of ground-mounted photovoltaic power plants,” *Appl Energy*, vol. 314, May 2022, doi: 10.1016/j.apenergy.2022.118881.
- [7] “PELUANG PEMBANGKIT LISTRIK TENAGA SURYA (PLTS) PADA”.
- [8] O. : Lukas and J. Dwiatmanto, “PEMBANGKIT LISTRIK TENAGA PANAS BUMI (PLTP) DAN KENDALA PEMBANGUNANNYA.”
- [9] R. Yunginger and N. N. Sune, “ANALISIS ENERGI ANGIN SEBAGAI ENERGI ALTERNATIF PEMBANGKIT LISTRIK DI KOTA DI GORONTALO.”

- [10] A. Natsir and S. Nababan, "KONTROL DAYA DENGAN VARIASI KECEPATAN PADA DOUBLE-FED INDUCTION GENERATOR UNTUK TURBIN ANGIN Power Control with Speed Variation in Double-Fed Induction Generator for Wind Turbines."
- [11] E. Di *et al.*, "ANDASIH Jurnal Pengabdian kepada Masyarakat Model Energi Indonesia, Tinjauan Potensi Energy Terbarukan Untuk Ketahanan," 2020.
- [12] R. Samsinar and K. Anwar, "STUDI PERENCANAAN PEMBANGKIT LISTRIK TENAGA SAMPAH KAPASITAS 115 KW (STUDI KASUS KOTA TEGAL)," *Jurnal Elektum*, vol. 15, no. 2.
- [13] S. N. Qodriyatun, "Pembangkit Listrik Tenaga Sampah: Antara Permasalahan Lingkungan dan Percepatan Pembangunan Energi Terbarukan," *Aspirasi: Jurnal Masalah-masalah Sosial*, vol. 12, no. 1, pp. 63–84, Jun. 2021, doi: 10.46807/aspirasi.v12i1.2093.
- [14] S. N. Qodriyatun, "Pembangkit Listrik Tenaga Sampah: Antara Permasalahan Lingkungan dan Percepatan Pembangunan Energi Terbarukan," *Aspirasi: Jurnal Masalah-masalah Sosial*, vol. 12, no. 1, pp. 63–84, Jun. 2021, doi: 10.46807/aspirasi.v12i1.2093.
- [15] M. Zainuddin, M. Fujiaman, D. Mariani, and M. Aswalatah, "Analisis Efisiensi Gasifikasi Pada Pembangkit Listrik Tenaga Biomassa (PLTBM) Tongkol Jagung Kapasitas 500 KW di Kabupaten Gorontalo," *Jurnal Sains, Teknologi dan Industri*, vol. 14, no. 2, pp. 192–198, 2017.
- [16] I. Janter and P. Simanjuntak, *i | METODE PEMBANGKIT LISTRIK TENAGA BIOMASSA NON FOSIL METODE PEMBANGKIT LISTRIK TENAGA BIOMASSA NON FOSIL*. 2015.
- [17] S. Kasus, : Desa, B. Harjo, J. Kabupaten, and I. Hilir, "ANALISIS TEKNIK DAN EKONOMI PEMBANGKIT LISTRIK TENAGA BIOMASSA (PLTBM) MENGGUNAKAN SABUT KELAPA HIBRIDA."

- [18] M. Sahri and S. Setiawidayat, "RANCANG BANGUN PURWARUPA PEMBANGKIT LISTRIK TENAGA BIOMASSA," vol. 11, no. 2, pp. 78–84, 2019.
- [19] E. Mehrabanfar and S. Nobari, "DECISION SUPPORT SYSTEMS APPLICATIONS IN FUTURE STUDIES INTERNATIONAL JOURNAL OF MODERN MANAGEMENT & FORESIGHT JOURNAL HOMEPAGE: IJMMF.COM DECISION SUPPORT SYSTEMS APPLICATIONS IN FUTURE STUDIES," vol. 1, pp. 237–246, 2014, [Online]. Available: <https://www.researchgate.net/publication/283420300>
- [20] G. P. Bhole, "Multi Criteria Decision Making (MCDM) Methods and its applications," *Int J Res Appl Sci Eng Technol*, vol. 6, no. 5, pp. 899–915, May 2018, doi: 10.22214/ijraset.2018.5145.
- [21] H. Polatidis, D. A. Haralambopoulos, G. Munda, and R. Vreeker, "Selecting an appropriate multi-criteria decision analysis technique for renewable energy planning," *Energy Sources, Part B: Economics, Planning and Policy*, vol. 1, no. 2, pp. 181–193, Jul. 2006, doi: 10.1080/009083190881607.
- [22] S. Kheybari and F. Mahdi Rezaie, "Selection of biogas, solar, and wind power plants' locations: An MCDA approach," *Journal of Supply Chain Management Science*, 2020, doi: 10.18757/jscms.2020.4805.
- [23] A. Datta, A. Ray, G. Bhattacharya, and H. Saha, "Green energy sources (GES) selection based on multi-criteria decision analysis (MCDA)," *International Journal of Energy Sector Management*, vol. 5, no. 2, pp. 271–286, Jun. 2011, doi: 10.1108/17506221111146020.
- [24] M. Amer and T. U. Daim, "Selection of renewable energy technologies for a developing county: A case of Pakistan," *Energy for Sustainable Development*, vol. 15, no. 4, pp. 420–435, 2011, doi: 10.1016/j.esd.2011.09.001.
- [25] M. Amer and T. U. Daim, "Selection of renewable energy technologies for a developing county: A case of Pakistan," *Energy for Sustainable*

- Development*, vol. 15, no. 4, pp. 420–435, 2011, doi: 10.1016/j.esd.2011.09.001.
- [26] A. Datta, A. Ray, G. Bhattacharya, and H. Saha, “Green energy sources (GES) selection based on multi-criteria decision analysis (MCDA),” *International Journal of Energy Sector Management*, vol. 5, no. 2, pp. 271–286, Jun. 2011, doi: 10.1108/17506221111146020.
- [27] M. Agustina Dosen Universitas Bina Darma Jalan Jenderal Ahmad Yani No, “IMPLEMENTASI METODE MULTI FACTOR EVALUATION PROCESS (MFEP) DALAM MEMBUAT KEPUTUSAN UNTUK MEMILIH ASURANSI KESEHATAN,” *Jurnal Ilmiah MATRIK*, vol. 21, no. 2.
- [28] “Sistem Pendukung Keputusan Pemilihan Vendor IT MPE”.
- [29] K. M. Sukiakhy, C. V. Rajiatul Jummi, and A. Rini Utami, “Implementasi Metode SAW Dalam Sistem Pendukung Keputusan Pemilihan Karyawan Terbaik Pada PT. Cindyani Tiwi Lestari,” *SIMKOM*, vol. 7, no. 1, pp. 13–22, Jan. 2022, doi: 10.51717/simkom.v7i1.62.
- [30] F. Angela Renya Seran, Y. P. Kelen, and D. Nababan, “Sistem Pendukung Keputusan Penentuan Jurusan Menggunakan Metode Weighted Product,” vol. 17, no. 1.
- [31] T. L. Saaty, “PRINCIPLES OF THE ANALYTIC HIERARCHY PROCESS.”
- [32] B. Noori and M. H. Salimi, “A decision-support system for business-to-business marketing,” *Journal of Business and Industrial Marketing*, vol. 20, no. 4–5, pp. 226–236, 2005, doi: 10.1108/08858620510603909.
- [33] R. R. Irma Handayani Program Studi Manajemen Informatika AMIK BSI Jakarta Jl Fatmawati No, P. Labu, and J. Selatan, “PEMANFAATAN APLIKASI EXPERT CHOICE SEBAGAI ALAT BANTU DALAM PENGAMBILAN KEPUTUSAN (STUDI KASUS: PT. BIT TEKNOLOGI NUSANTARA),” *Jurnal Pilar Nusa Mandiri*, vol. XI, no. 1, 2015.

- [34] “Pengambilan Keputusan”.
- [35] H. Polatidis, D. A. Haralambopoulos, G. Munda, and R. Vreeker, “Selecting an appropriate multi-criteria decision analysis technique for renewable energy planning,” *Energy Sources, Part B: Economics, Planning and Policy*, vol. 1, no. 2, pp. 181–193, Jul. 2006, doi: 10.1080/009083190881607.
- [36] S. Ong, C. Campbell, P. Denholm, R. Margolis, and G. Heath, “Land-Use Requirements for Solar Power Plants in the United States,” 2013. [Online]. Available: www.nrel.gov/publications.
- [37] N. Rathore and N. L. Panwar, “Strategic overview of management of future solar photovoltaic panel waste generation in the Indian context,” May 01, 2022, *SAGE Publications Ltd.* doi: 10.1177/0734242X211003977.
- [38] M. K. H. Rabaia *et al.*, “Environmental impacts of solar energy systems: A review,” *Science of the Total Environment*, vol. 754, Feb. 2021, doi: 10.1016/j.scitotenv.2020.141989.
- [39] C. Kahraman, I. Kaya, and S. Cebi, “A comparative analysis for multiattribute selection among renewable energy alternatives using fuzzy axiomatic design and fuzzy analytic hierarchy process,” *Energy*, vol. 34, no. 10, pp. 1603–1616, 2009, doi: 10.1016/j.energy.2009.07.008.
- [40] Y. Goletsis, J. Psarras, and J.-E. Samouilidis, “Project Ranking in the Armenian Energy Sector Using a Multicriteria Method for Groups,” 2003.
- [41] E. By and H. Machrafi, “Green Energy and Technology.” [Online]. Available: www.copyright.com
- [42] S. Ahmad and R. M. Tahar, “Selection of renewable energy sources for sustainable development of electricity generation system using analytic hierarchy process: A case of Malaysia,” *Renew Energy*, vol. 63, pp. 458–466, Mar. 2014, doi: 10.1016/j.renene.2013.10.001.
- [43] A. Tasri and A. Susilawati, “Selection among renewable energy alternatives based on a fuzzy analytic hierarchy process in Indonesia,” *Sustainable*

Energy Technologies and Assessments, vol. 7, pp. 34–44, 2014, doi:
10.1016/j.seta.2014.02.008.



LAMPIRAN

Lampiran 1 Data Hasil Quesioner

Lampiran 2 Data Project On Grid Rofftop 140.8 Kwp

Lampiran 3 Data Project PLTS On Grid Ground Mounted

Lampiran 4 Data Project Hybrid Floating

Lampiran 5 Data Project EPC MetMash

Lampiran 6 Data project PLTSa

Lampiran 7 U Proggam UOB

Lampiran 8 SOP Tender Radiant Utama

