

- Anshori, D. (2018). *Pengaruh Variasi Sudut Sserang Terhadap Kinerja Bilah Menggunakan Airfoil Naca 6412 Pada Turbin Angin Sumbu Horizontal*. (2).  
<https://doi.org/10.1051/mateconf/201712107005>
- Darmawan, H., & Kahfi, I. (2014). *Perancangan Turbin Angin Tipe Savonius L Sumbu Vertikal*. 1–13.
- ESDM, K. (2017). *Peraturan Menteri dan Sumber Daya Mineral Republik Indonesia*.
- Google Earth. (2018). *Peta Sasiil*.
- Hemami, A. (2012). *Wind turbine*. [https://doi.org/10.1016/s0038-092x\(97\)82047-6](https://doi.org/10.1016/s0038-092x(97)82047-6)
- Homer Energy LCC. (2017). *HOMER Energy LLC*. 2–3. Retrieved from  
<https://www.homerenergy.com/products/pro/docs/3.11/index.html>
- Investopedia. (2018). *Return On Investment (ROI) Definition*.
- Ismail, Kamal, S., Purnomo, Sarjiya, & Hartono, B. (2015). Economic Feasibility of Wind Farm: A Case Study for Coastal Area in South Purworejo, Indonesia. *Energy Procedia*, 65, 146–154. <https://doi.org/10.1016/j.egypro.2015.01.049>
- Juwito, A. F., & Haryono, T. (2013). Optimisasi Energi Terbarukan dalam Pembangkitan Energi Listrik Menuju Desa Mandiri Energi di Desa Margajaya. *Optimisasi Energi Terbarukan Dalam Pembangkitan Energi Listrik Menuju Desa Mandiri Energi Di Desa Margajaya*, 2(3), 40–48.
- Khan, M. J., & Iqbal, M. T. (2005). Pre-feasibility study of stand-alone hybrid energy systems for applications in Newfoundland. *Renewable Energy*, 30(6), 835–854.  
<https://doi.org/10.1016/j.renene.2004.09.001>
- Lund, H. (2010). Renewable Energy Systems. In *Renewable Energy Systems*.  
<https://doi.org/10.1016/C2009-0-20259-5>
- Neamt, L., & Chiver, O. (2013). A simple method for photovoltaic energy estimation. *12th International Conference on Environment and Electrical Engineering, IEEEIC 2013*, (May), 513–516. <https://doi.org/10.1109/EEEIC.2013.6549569>
- Permana, Ditto Adi; Wibawa, U. U. (2013). *Studi Analisis Pembangkit Listrik Hybrid (Diesel-Angin) di Pulau Karimunjawa*. 1–8.
- Purwanto, Y. A., & Murti Laksono. (2015). Model Pemberdayaan Masyarakat melalui Pengolahan Kopi di Desa Mandiri Energi. *Agrokreatif Jurnal Ilmiah Pengabdian Kepada Masyarakat*, 1(1), 28. <https://doi.org/10.29244/agrokreatif.1.1.28-34>
- Ramli, M. A. M., Hiendro, A., & Al-Turki, Y. A. (2016). Techno-economic energy

Arabia. *Renewable Energy*, 91, 374–385.

<https://doi.org/10.1016/j.renene.2016.01.071>

Rekioua, D., & Matagne, E. (2012). Optimization of Photovoltaic Power Systems. In *Green Energy and Technology*. <https://doi.org/10.2174/97816080528511120101>

Rhodes, M. (2009). *Assessing the Potential Wind Resource Available for Standalone Renewable Street Lighting in the Urban Environment - Cardiff a Case Study*. (p. 289). p. 289.

RPJMD. (2016). Rencana Pembangunan Jangka Menengah Daerah. *Journal of Chemical Information and Modeling*, 53(9), 1689–1699.

<https://doi.org/10.1017/CBO9781107415324.004>

Sarwanto, A. G., Budiarto, U., Zakki, A. F., Perkapalan, D. T., Teknik, F., & Diponegoro, U. (2017). Analisa Efektifitas Wind Turbine Sumbu Horizontal Dengan Variasi Jumlah Dan Jenis Airfoil Sebagai Sumber Energi Listrik Tambahan Pada Fisheries Inspection. *Jurnal Teknik Perkapalan*, 4(4), 837–846.

Sayekti, L. A. (2019). *Evaluasi Program Desa Mandiri Energi Berbasis Biogas di Desa Mekarjaya*. 7(2), 26–41.

Singh, A., Pant, D., & Irving, S. (2013). *Life Cycle Assessment of Renewable Energy Sources*.

The Daily Oktagon. (2017). *Perangkat yang Memanfaatkan Panel Surya*. Retrieved from <https://daily.oktagon.co.id/perangkat-unik-yang-memanfaatkan-panel-surya/>

U.S. Department of Energy Office of Indian Energy Policy and Programs. (2015). *Levelized Cost of Energy (LCOE)*. US department of energy, 9. Retrieved from <https://www.energy.gov/sites/prod/files/2015/08/f25/LCOE.pdf%0Ahttps://energy.gov/sites/prod/files/2015/08/f25/LCOE.pdf>

Wenqy Yuan. (2013). *A Study OF Impact And Effectiveness Of The Construction Of The Highway Service Areas In Texas*. (December).

Widaningsih, W. (2014). *Partisipasi masyarakat melalui desa mandiri energi berbasis biogas limbah ternak sapi di desa haurngombang kecamatan pamulihan kabupaten sumedang*. 28–51.

Wijayanti, O. E. (2017). *Analisis Kinerja Program : Dampak Pelaksanaan Program Desa Mandiri Energi ( DME ) Berbasis Biogas Dalam Peningkatan Keberdayaan Masyarakat Pengguna*. 5(April), 1–7.

Zhou, W., Lou, C., Li, Z., Lu, L., & Yang, H. (2010). Current status of research on



**PENGEMBANGAN MODEL DESA MANDIRI ENERGI DENGAN MEMANFAATKAN SUMBER ENERGI TERBARUKAN STUDI KASUS DESA SASIIL KABUPATEN SUMENEP**

MUHAMMAD ZAINUR R, Prof. Ir. Bakti Setiawan, M.A., Ph.D.;Dr. Ir. Suhanan, DEA.

Universitas Gadjah Mada, 2020 | Diunduh dari <http://etd.repository.ugm.ac.id/>

optimum sizing of stand-alone hybrid solar-wind power generation systems.

*Applied Energy*, 87(2), 380–389. <https://doi.org/10.1016/j.apenergy.2009.08.012>

(Wenqy Yuan, 2013)