


## DAFTAR PUSTAKA

- [1] B. S. Pln, P. L. N. Holding, A. Perusahaan, B. S. Pln, P. T. Pln, and S. Pln, *Statistik PLN*. 2017.
- [2] Peraturan Presiden RI, “Perpres No. 22 Tahun 2017 tentang Rencana Umum Energi Nasional.” 2017.
- [3] K. Handayani, Y. Krozer, and T. Filatova, “Trade-offs between electrification and climate change mitigation: An analysis of the Java-Bali power system in Indonesia,” *Applied Energy*, vol. 208. pp. 1020–1037, 2017.
- [4] Dinas Energi dan Sumber Daya Mineral Provinsi Jawa Tengah, “Draft Raperda RUED Jateng 2017,” pp. 1–55.
- [5] K. Attari, A. Elyakoubi, and A. Asselman, “Performance analysis and investigation of a grid-connected photovoltaic installation in Morocco,” *Energy Reports*, vol. 2, no. December 2015, pp. 261–266, 2016.
- [6] I. Baghdadi, A. El Yaakoubi, K. Attari, Z. Leemrani, and A. Asselman, “Performance investigation of a PV system connected to the grid,” *Procedia Manuf.*, vol. 22, pp. 667–674, 2018.
- [7] D. I. Riswandi and I. K. Bactiar, “Simulasi Pembangkit Listrik Tenaga Surya 30kWp ON-GRID di Kampus Universitas Maritim Raja Ali Haji Menggunakan Software PV\*SOL,” no. *Renewable Energy*, p. 9, 2016.
- [8] S. . Ramadhan and C. Rangkuti, “Perencanaan Pembangkit Listrik Tenaga Surya Di Atap Gedung Harry Hartanto Universitas Trisakti,” *Semin. Nas. Cendekiawan 2016*, pp. 1–11, 2016.
- [9] M. Irfan, “Perencanaan Teknis dan Ekonomis Pembangkit Listrik Tenaga Surya Sistem On-Grid,” pp. 18–19, 2017.
- [10] T. Hong, M. Lee, C. Koo, J. Kim, and K. Jeong, “Estimation of the available rooftop area for installing the rooftop solar photovoltaic (PV) system by analyzing the building shadow using Hillshade Analysis,” *Energy Procedia*, vol. 88, pp. 408–413, 2016.
- [11] D. Groppi, L. De Santoli, F. Cumo, and D. Astiaso, “A GIS-based model to assess buildings energy consumption and usable solar energy potential in urban areas,” *Sustain. Cities Soc.*, vol. 40, no. May, pp. 546–558, 2018.

- [12] M. F. Rizal, "PENERAPAN PANEL FOTOVOLTAIK," 2008.
- [13] Contaned Energy Indonesia, "ENERGI yang Terbarukan," p. 106, 2011.
- [14] "7a.JohnA.DuffieWilliamA.Beckman SolarEngineeringofThermalProcesses3rdEdition2006.pdf." .
- [15] W. Omran, "Performance Analysis of Grid-Connected Photovoltaic Systems," 2010.
- [16] E. Biyik et al., "A key review of building integrated photovoltaic (BIPV)= systems," *Eng. Sci. Technol. an Int. J.*, vol. 20, no. 3, pp. 833–858, 2017. [26] A. SACE and A, "Technical Application Papers No.10 Photovoltaic plants," no. 10, 2010.
- [17] A. Ghazali, E. I. Salleh, L. C. Haw, S. Mat, and K. Sopian, "Feasibility of vertical photovoltaic system on high-rise building in Malaysia: Performance evaluation," *Int. J. Low-Carbon Technol.*, vol. 12, no. 3, pp. 263–271, 2017.
- [18] M. R. Patel, *Wind and Solar Power Systems Design, Analysis, and Operation Second Edition*. 2006.
- [19] P. Developer, "Utility-Scale Solar Photovoltaic Power Plants."
- [20] C. J. M. Emmott, A. Urbina, and J. Nelson, "Environmental and economic assessment of ITO-free electrodes for organic solar cells," *Sol. Energy Mater. Sol. Cells*, vol. 97, pp. 14–21, 2012.
- [21] A. Ronzino et al., "The energy efficiency management at urban scale by means of integrated modelling," *Energy Procedia*, vol. 83, pp. 258–268, 2015.
- [22] P. Gilman and P. Lilienthal, "Micropower System Modeling," pp. 379–418.
- [23] U. Indonesia, P. Sarjana, T. Industri, and F. Teknik, "Universitas indonesia," 2012.
- [24] F. Ahammed and A. Azeem, "An economic analysis of solar PV micro- utility in rural areas of Bangladesh Faisal," 2010.
- [25] A. M. Thyra, M. Facta, and Karnoto, "Analisis Ekonomi Penggunaan Inverter Sel Surya Pelanggan Rumah Tangga Terhubung Dengan Jaringan Pada Perumahan Syailendra Residence Banyumanik Semarang," pp. 1– 15, 2015.

- 
- [26] P. H. J, “Analisis Keekonomian Kompleks Perumahan Berbasis Energi Sel Surya (Studi Kasus: Perumahan Cyber Orchid Town Houses, Depok),” FT UI, 2012.
- [27] B. A. A. Abdel-ghani, “Techno-Economic Evaluation Of Electrification Of Small Villages In Palestine By Centralized And Decentralized Pv System,” An-Najah Natl. Univ., 2008.
- [28] J. P. L. D. G. Newnan, T. G. Eschenbach, Engineering Economic Analysis, 9th ed. 2004.
- [29] A. E. A. Nafeh, “Design and Economic Analysis of a Stand-Alone PV System to Electrify a Remote Area Household in Egypt,” pp. 33–37, 2009.
- [30] Lakitan, Benyamin, “Dasar-Dasar Klimatologi,”PT. Grafindo Persada Jakarta, 1994.
- [31] Siregar, Sabrina, “Makalah Singkat Tentang Software ArcGis,” , <https://sabrinahelper.wordpress.com/2014/10/25/makalah-singkat-tentang-software-arcgis/> (Oktober 25, 2014)
- [32] [www.https://power.larc.nasa.gov/data-access-viewer/](http://www.power.larc.nasa.gov/data-access-viewer/)