

## DAFTAR PUSTAKA

1. Dimeas and N. Hatziargyriou, “A multiagent system for *microgrids*,” in Proc. IEEE Power Eng. Soc. General Meeting, 1. Jun. 2004, pp. 55–58.
2. Aep Saepul Uyun, Arif Fadilah, 2015, “Desain Prototipe Pembangkit Listrik Tenaga Panas Air Laut”, Prosiding Seminar Hasil Penelitian Semester Genap 2014/2015, Vol 3 (2), hlm 1-12.
3. Antoine Boche, Clément Foucher, Luiz Fernando Lavado Villa. 2022. Understanding *Microgrid* Sustainability: A Systemic and Comprehensive Review-Review. *Energies* – MDPI.
4. Ali M. Eltamaly, Mohamed A. Mohamed, Chapter 8 - Optimal Sizing and Designing of Hybrid Renewable Energy Systems in Smart Grid Applications, *Advances in Renewable Energies and Power Technologies*, Elsevier, 2018.
5. Ancillotti, E.; Bruno, R.; Conti, M. Peran sistem komunikasi dalam smart grid: Arsitektur, solusi teknis dan tantangan penelitian. *Komputer. Komuni.* 2013, 36, 1665–1697.
6. Bekara, C. Masalah dan tantangan keamanan untuk smart grid berbasis IoT. *Procedia Comput. Sains.* 2014, 34, 532–537.
7. Kirpes, P. Danner, R. Basmadjian, H. de Meer, dan C. Becker, “EMobility Systems Architecture: a model-based framework for managing complexity
8. “IEC - Smart grid > Background - What is Smart Grid?” [Online]. Available: <http://www.iec.ch/smartgrid/background/explained.htm>. [Accessed: 04-Jul-2016].

9. International Energy Agency (IEA), Technology Roadmap Smart Grids. Paris: International Energy Agency, 2011.
10. Jurnal, RT (2018). PENGEMBANGAN TEKNOLOGI SISTEM SMART MICROGRID DI SEKOLAH TINGGI TEKNIK PLN: Heri Suyanto, Agung Hariyanto. *SUTET*, 7 (1), 63–67. <https://doi.org/10.33322/sutet.v7i1.167>
11. J. Lu, D. Xie, and Q. Ai, “Research on Smart Grid in China,” IEEE TD Asia 2009.
12. Kementerian Energi dan Sumber Daya Mineral, Executive Summary RUPTL PT PLN (PERSERO) 2018-2027, dalam acara Diseminasi RUPTL 2018-2027, Jakarta, 22 Maret 2018,
13. L. Shi dan M.Y.L. Chew, “A Review on Sustainable Design of Renewable Energy Systems,” *Renew. Sustain. Energy Rev.*, Vol. 16, No. 1, hal. 192–207, 2012.
14. M. Uslar et al., “Applying the Smart Grid Architecture Model for Designing and Validating System-of-Systems in the Power and Energy Domain: A European Perspective,” *Energies*, vol. 12, no. 2, hal. 258, Jan.
15. M. S. Thomas and J. D. McDonald, *Power System SCADA and Smart Grids*. CRC Press, 2015.
16. N. Phuangpornpitak and S. Tia, “Opportunities and Challenges of Integrating Renewable Energy in Smart Grid System,” *Energy Procedia*, vol. 34, pp. 282–290, 2013.
17. Han, B.; McCluskey, P.; Han, C.; Youn, BD Physics-of-failure, pemantauan kondisi, dan prognostik modul transistor bipolar gerbang terisolasi: Tinjauan. *Trans IEEE. Elektron Daya*. 2015, 30, 2413–2426.

18. P. Lazzeroni, S. Olivero, F. Stirano, M. Repetto, C. Micono, P. Montaldo, dan G. Zanzottera, "PV and Building Energy Efficiency Measures Impact on the Grid in a Middle East Case Study," AEIT 2016 - Int. Annu. Conf. Sustain. Dev. Mediterr. Area, Energy ICT Networks Futur., 2016, pp. 1–6.
19. R. AbdelHady, "Modeling and simulation of a micro grid-connected solar PV system," *Water Sci.*, vol. 31, no. 1, hal. 1–10, Apr 2017, doi: 10.1016/j.wsj.2017.04.001.
20. R. L. Dash, L. Behera, B. Mohanty and P. Kumar Hota, "Cost and sensitivity analysis of a *microgrid* using HOMER-Pro software in both grid connected and standalone mode," 2018 International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE), 2018.
21. Shaoyong, Y.; Dawei, X.; Angus, B.; Philip, M.; Li, R.; Peter, T. Pemantauan Kondisi untuk Keandalan Perangkat dalam Konverter Elektronik Daya: Tinjauan. *Trans IEEE. Elektron Daya*. 2010, 25, 2734–2752.
22. Tankard, C. Masalah keamanan Internet of Things. *Komputer. Penipuan Aman*. 2015, 2015, 11–14.
23. Zhang, W.; Xu, D.; Enjeti, PN; Li, H.; Hawke, JT; Krishnamoorthy, HS Survei tentang teknik toleran kesalahan untuk konverter elektronik daya. *Trans IEEE. Elektron Daya*. 2014, 29, 6319–6331.
24. X. Tan, Q. Li, dan H. Wang, "Advances and Trends of Energy Storage Technology in *Microgrid*," *Int. J. Electr. Power Energy Syst.*, Vol. 44, No. 1, hal. 179–191, 2013.
25. Nurharsanto, S., & Prayitno, A. (2017). Sun tracking otomatis untuk pembangkit listrik tenaga surya (PLTS). *Jom Fteknik*, 4 (2), 1-6.

26. Jurnal, RT (2017). PERENCANAAN PENGGUNAAN PLTS DI STASIUN KERETA API CIREBON JAWA BARAT: Zalmadi Syamsudin, Syarif Hidayat, Muslimin Nur Effendi. *Energi & Kelistrikan*, 9 (1), 70-83

