

Daftar Pustaka

- [1] Hamdi, Energi Terbarukan, Padang: Kencana, 2016.
- [2] BP Energy Economics, "BP Statical Review of World Energy 2019," Pureprint Group, London, 2019.
- [3] S. S. H. Pambudi, J. L. Wibowo and N. I. Pratiwi, "Outlook Energi Indonesia 2019," Dewan Energi Nasional, Jakarta, 2019.
- [4] Y. Chen, "Energy Sources," in *Energy Harvesting Communications: Principles and Theories*, Coventry, Wiley, 2018, pp. 5-17.
- [5] B. A. Bhayo, H. H. Al-Kayiem, S. I. U. Gilani and F. B. Ismail, "Power management optimization of hybrid solar photovoltaic-battery integrated with pumped-hydro-storage system for standalone electricity generation," *Energy Conversion and Management*, vol. CCXV, no. 42, pp. 11-29, 2020.
- [6] I. Guidara, A. Souissi and M. Chaabene, "Novel configuration and optimum energy flow management of a grid-connected photovoltaic battery installation," *Computers and Electrical Engineering*, vol. LXXXV, pp. 1-13, 2020.
- [7] K. Kusakana, "Optimal operation control of a grid-connected photovoltaic-battery hybrid system," in *IEEE PES Power Africa Conference*, Livingstone, 2016.
- [8] R. Tang, Z. Wu and X. Li, "Optimal power flow dispatching of maritime hybrid energy system using model predictive control," *Energy Procedia*, vol. 158, pp. 6183-6188, 2019.
- [9] R. Lingamuthu and R. Mariappan, "Power flow control of grid connected hybrid renewable energy system using hybrid controller with pumped storage," *International Journal of Hydrogen Energy*, vol. XLIV, no. 7, pp. 3790-3802, 2019.
- [10] K. Sureshkumar and V. Ponnusamy, "Power flow management in micro grid through renewable energy sources using a hybrid modified dragonfly algorithm with bat search algorithm," *Energy*, vol. CLXXXI, pp. 1166-1178, 2019.
- [11] E. E. Elattar and S. K. ElSayed, "Modified JAYA algorithm for optimal power flow incorporating renewable energy sources considering the

- cost, emission, power loss, and voltage profile improvement," *Energy*, vol. CLXXVIII, pp. 598-609, 2019.
- [12] C. Shilaja and K. Ravi, "Optimal power flow using hybrid DA-APSO algorithm in renewable energy resources," in *1st International Conference on Power Engineering, Computing, and Control*, Chennai, 2017.
- [13] R. W. Ericson and D. Maksimovic, *Fundamentals of Power Electronics Second Edition*, Norwell: Kluwer Academic Publishers, 2004.
- [14] Y. P. Patel, R. M. Tallam, B. P. Brown, D. F. Busse, J. Hu, D. Campuzano and A. R. Strandt, "Mitigation of the Effects of Common-Mode Current on the Operation of SCR-Based Rectifiers for AC Drives," *IEEE Transactions on Industry Applications*, vol. LII, no. 6, pp. 4827 - 4834, 2016.
- [15] D. W. Hart, *Power Electronics*, New York: McGraw-Hill, 2011.
- [16] K. Zhou and L. Cai, "A Nonlinear Current Control Method for Resistance Spot Welding," *IEEE/ASME Transactions on Mechatronics*, vol. XIX, no. 2, pp. 559 - 569, 2014.
- [17] Z. V. Despotovic and Z. Stojiljkovic, "Power Converter Control Circuits for Two-Mass Vibratory Conveying System With Electromagnetic Drive: Simulations and Experimental Results," *IEEE Transactions on Industrial Electronics*, vol. LIV, no. 1, pp. 453 - 466, 2007.
- [18] M. H. Rashid and H. M. Rashid, *SPICE for Power Electronics and Electric Power Second Edition*, Boca Raton: CRC Press, 2006.
- [19] "Elprocus," [Online]. Available: <https://www.elprocus.com/zero-crossing-detector-circuit-and-working/>. [Accessed 8 May 2022].
- [20] K. Kananda and R. Nazir, "Konsep Pengaturan Aliran Daya untuk PLTS Tersambung ke Sistem Grid pada Rumah Tinggal," *Jurnal Nasional Teknik Elektro*, vol. II, pp. 65-71, 2013.
- [21] M. H. Rashid, *Power Electronics Handbook*, London: Academic Press, 2001.
- [22] S. Moon, B. Chung, G. Koo, J. Guo and L. Balogh, "A Conduction Band Control AC-DC Buck Converter for a High Efficiency and High

- Power Density Adapter," in *2017 IEEE Applied Power Electronics Conference and Exposition (APEC)*, Florida, 2017.
- [23] S.-H. Lee and M.-J. Kim, "High Efficiency Isolated Resonant PFC Converter for Two-stage AC-DC Converter with Enhanced Performance," in *2019 IEEE Energy Conversion Congress and Exposition (ECCE)*, Baltimore, 2019.
- [24] S. Zhang, G. Lan, Z. Dong and X. Wu, "A High Efficiency two-stage ZVS AC/DC converter with all SiC MOSFET," in *2017 IEEE 3rd International Future Energy Electronics Conference and ECCE Asia (IFEEEC 2017 - ECCE Asia)*, Kaohsiung, 2017.
- [25] S. Zhou, "Study of Control and Efficiency of AC-DC Converter," in *2010 International Conference on Electrical and Control Engineering*, Wuhan, 2010.
- [26] Institute of Electrical and Electronics Engineers, "IEEE Recommended Practice and Requirements for Harmonic Control in Electric Power Systems," IEEE, New York, 1993.
- [27] IEEE Standards Association, "IEEE Recommended Practice and Requirements for Harmonic Control in Electric Power Systems," IEEE, New York, 2014.
- [28] The World Bank, [Online]. Available: <https://data.worldbank.org/indicator/EG.USE.ELEC.KH.PC?end=2019&locations=ID&start=2019>. [Accessed 16 March 2022].