DAFTAR PUSTAKA

[1] H. EBTKE. (2021) Menteri esdm : Perlu upaya konkrit dan terencana capai target bauran 23https://ebtke.esdm.go.id/

[2] S. Sharma, N. Gupta, A. Kumar, and M. M. Garg, "Comparative analysis of pi and pr controller for grid-tied solar photovoltaic system," *4th International Conference on Energy, Power and Environment (ICEPE)*, p. 6, 2022.

[3] H. Liu, W. Zhen, B. Chen, W. Shen, K. Dong, and X. Ma, "Sliding-mode control with two-stage photovoltaic off-grid and grid-connected inverters," *Asian Conference on Frontiers of Power and Energy (ACFPE)*, 2022.

[4] S. Dziri, M. M. Alhato, S. Bouallèaue, and P. Siarry, "Modeling and control of a three-phase dc-ac inverter in grid-connected pv systems under unbalanced conditions," *21st international Ccnference on Sciences and Techniques of Automatic Control and Computer Engineering (STA)*, 2022.

[5] B. Pawar, E. I. Batzelis, S. Chakrabarti, and B. C. Pal, "Grid-forming control for solar pv systems with power reserves," *IEEE Transactions on Sustainable Energy*, 2021.

[6] X. Gao, D. Zhou, A. Anvari-Moghaddam, and F. Blaabjerg, "Stability analysis of grid-following and gridforming converters based on state-space model," *The 2022 International Power Electronics Conference (IPEC-Himeji 2022)*, 2022.

[7] L. M. Parera, J. Tupalessy, and K. Kastnaja, "Pengembangan listrik tenaga surya bagi pedagang kuliner," jurnal pengabdian kepada masyarakat," in *Jurnal Pengabdian Kepada Masyarakat*, vol. 2, 2019, pp. 46–52.

[8] B. H. Purwoto, M. A. Jatmiko, Fadilah, and I. F. Huda, "Efisiensi penggunaan panel surya sebagai sumber energi alternatif," *Emitor Jurnal Teknik Elektro*, vol. 18, no. 1, pp. 10–14, 2018.

[9] H. Suyanto, Erlina, R. A. Diantari, and H. Al Rasyd, "Study on optimization of system management battery for lithium batteries and lead acid batteries at the new and renewable energy research center it pln," *IEEE 5th International Conference on Information Technology, Information Systems and Electrical Engineering (ICI-TISEE)*, 2021.

[10] A. S. Prawiwil, S. D. Nugraha, and E. Sunarno, "Design and simulation of bidirectional dc-dc converter for energy storage in photovoltaic system," *Jurnal Nasional Teknik Elektro dan Teknologi Informasi*, vol. 9, no. 3, 2020.

[11] M. A. F. M. Faudzi, M. Saifizi, A. A. Aziz, Z. Mohd, M. I. Fahmi, W. A. Mustaga, A. Alkhayyat, and A. M. Abdulsattar, "Design three phase inverter for compressor drive using single-phase ac source," *2nd Information Technology To Enhance e-learning and Other Application (IT-ELA)*, pp. 182–188, 2021.

[12] J. Chen, M. Schutt, and H.-G. Eckel, "Comparative evaluation of grid connected current source and voltage source inverters for wind turbines," *25th European Conference on Power Electronics and Applications (EPE'23 ECCE Europe)*, 2023.

[13] D. B. Rathnayake, M. Akrami, C. Phurailatpam, S. P. Me, S. Hadavi, G. Jaya-singhe, S. Zabihi, and B. Bahrani, "Grid forming inverter modeling, control, and applications," *Institute of Electrical and Electronics Engineers (IEEE)*, vol. 9, pp. 114 781–114 807, 2021.

[14] A. V. Vinayagam, K. S. V. Swarna, S. Y. Khoo, A. Than Oo, and A. Stojcevs-ki, "Pv based microgrid with grid-support grid-forming inverter control-(simulation and analysis)," *Smart Grid Renewable Energy*, vol. 8, pp. 1–30, 2017.

[15] M. Srikanth and Y. V. P. Kumar, "A state machine-based droop control method ai-ded with droop coefficients tuning through in-feasible range detection for improved transient performance of microgrids," *Symmetry*, vol. 15, no. 1, pp. 1–29, 2023.

[16] A. Sangwongwanich, A. Abdelhakim, Y. Yang, and K. Zhou, "Control of single-phase and three-phase dc/ac converters," *Control of Power Electronic Converters and Systems, Academic Press*, pp. 153–173, 2018.

[17] G. E. Mejía-Ruiz, J. Rodríguez, N. Muñoz-Galeano, and A. Zamora, "Grid-connected three-phase inverter system with lcl filter: Model, control and experi-mental results," *IEEE PES Innovative Smart Grid Technologies Conference - Latin America (ISGT Latin America)*, 2019.

[18] I. B. F. Citarsa, I. N. W. Satiawan, and I. K. Wiryajati, "Pengaruh teknik modulasi pwm pada keluaran inverter tiga fase untuk pengaturan kecepatan variabel motor induksi," *Dielektrika*, vol. 8, no. 2, pp. 32–39, 2015.

[19] A. Rahman and M. R. Md. Moshiur, Islam, "Performance analysis of three phase inverters with different types of pwm techniques," *2nd International Conference on Electrical Electronic Engineering (ICEEE)*, 2017.

[20] P. K. B. S. Sutawan, I. N. S. K. Kumara, and W. Ariastina, "Simulasi sistem kontrol operasi on grid serta islanding pembangkit listrik tenaga surya di jurusan teknik elektro universitas udayana," *Teknologi Elektro*, vol. 14, no. 2, pp. 57–63, 2015.

[21] Setiyono, "Analisis pembangkit pulsa penyalaan inverter 3 fasa menggunakan pace vector pulse width modulation (svpwm)," *Jurnal Rekayasa dan Teknologi Elektro*, vol. 17, no. 2, pp. 169–177, 2023.

[22] H. P. Purnata and R. E. A. Mochammad Rameli, "Design of three phase inverter using hysteresis space vector pulse width modulation for speed control three phase induction motor," *International Journal of Research in Engineering and Technolo-gy*, vol. 17, no. 2, pp. 1–6, 2017.

[23] MathWorks. What is matlab? Diakses pada: 21 April 2024. [Online]. Available: https://www.mathworks.com/

[24] W. Y. Yang, W. Cao, J. Kim, K. W. Park, H.-H. Park, J. Joung, J.-S. Ro, H. L. Lee, C.-H. Hong, and T. Im, "Applied numerical methods using matlab," *Canada: Wiley-Interscience*, 2019.

[25] MathWorks. Simulink is for model-based design. Diakses pada: 21 April 2024. [Online]. Available: https://www.mathworks.com/