

## DAFTAR PUSTAKA

- [1] S. M. Toufighian, J. Faiz, and A. Erfani-Nik, "Static Eccentricity Fault Detection in Salient and Non-Salient Synchronous Generators Using Harmonic Components," in *2021 12th Power Electronics, Drive Systems, and Technologies Conference, PEDSTC 2021*, Institute of Electrical and Electronics Engineers Inc., Feb. 2021. doi: 10.1109/PEDSTC52094.2021.9405971.
- [2] Institute of Electrical and Electronics Engineers. Indonesia Section and Institute of Electrical and Electronics Engineers, *2019 International Conference on Information and Communications Technology*.
- [3] A. J. Nikkilä, A. Kuusela, M. Laasonen, L. Haarla, and A. Pahkin, "Self-Excitation of a Synchronous Generator during Power System Restoration," *IEEE Transactions on Power Systems*, vol. 34, no. 5, pp. 3902–3911, Sep. 2019, doi: 10.1109/TPWRS.2019.2909050.
- [4] "4928-11847-1-SM".
- [5] W. E. Vanco, F. B. Silva, C. M. R. De Oliveira, J. R. B. A. Monteiro, and J. M. M. De Oliveira, "A Proposal of Expansion and Implementation in Isolated Generation Systems Using Self-Excited Induction Generator with Synchronous Generator," *IEEE Access*, vol. 7, pp. 117188–117195, 2019, doi: 10.1109/ACCESS.2019.2937229.
- [6] O. V. Kryukov, I. V. Gulyaev, and D. Y. Teplukhov, "Method for Stabilizing the Operation of Synchronous Machines Using a Virtual Load Sensor," *Russian*

*Electrical Engineering*, vol. 90, no. 7, pp. 473–478, Jul. 2019, doi:  
10.3103/S1068371219070083.

- [7] “58125-469-143600-1-10-20200307”.
- [8] Q. Hu, L. Fu, F. Ma, F. Ji, and Y. Zhang, “Analogized Synchronous-Generator Model of PLL-Based VSC and Transient Synchronizing Stability of Converter Dominated Power System,” *IEEE Trans Sustain Energy*, vol. 12, no. 2, pp. 1174–1185, Apr. 2021, doi: 10.1109/TSTE.2020.3037155.
- [9] T. Wen, D. Zhu, X. Zou, B. Jiang, L. Peng, and Y. Kang, “Power Coupling Mechanism Analysis and Improved Decoupling Control for Virtual Synchronous Generator,” *IEEE Trans Power Electron*, vol. 36, no. 3, pp. 3028–3041, Mar. 2021, doi: 10.1109/TPEL.2020.3017254.
- [10] J. Farzidayeri and V. Bedekar, “Design of a V-Twin with Crank-Slider Mechanism Wind Energy Harvester Using Faraday’s Law of Electromagnetic Induction for Powering Small Scale Electronic Devices,” *Energies (Basel)*, vol. 15, no. 17, Sep. 2022, doi: 10.3390/en15176215.
- [11] X. Liang, C. Andalib-Bin-Karim, W. Li, M. Mitolo, and M. N. S. K. Shabbir, “Adaptive Virtual Impedance-Based Reactive Power Sharing in Virtual Synchronous Generator Controlled Microgrids,” *IEEE Trans Ind Appl*, vol. 57, no. 1, pp. 46–60, Jan. 2021, doi: 10.1109/TIA.2020.3039223.
- [12] Y. Wang, S. Nuzzo, H. Zhang, W. Zhao, C. Gerada, and M. Galea, “Challenges and Opportunities for Wound Field Synchronous Generators in Future More

Electric Aircraft,” *IEEE Transactions on Transportation Electrification*, vol. 6, no. 4, pp. 1466–1477, Dec. 2020, doi: 10.1109/TTE.2020.2980189.

- [13] X. Quan *et al.*, “Photovoltaic Synchronous Generator: Architecture and Control Strategy for a Grid-Forming PV Energy System,” *IEEE J Emerg Sel Top Power Electron*, vol. 8, no. 2, pp. 936–948, Jun. 2020, doi: 10.1109/JESTPE.2019.2953178.
- [14] Chizindu Stanley Esobinenwu and Oniyeburutan ET, “Reactive power (VAR) compensation techniques in high voltage transmission lines,” *Global Journal of Engineering and Technology Advances*, vol. 16, no. 1, pp. 024–029, Jun. 2023, doi: 10.30574/gjeta.2023.16.1.0113.
- [15] M. Samami and M. N. Azari, “Novel fast and secure approach for reverse power protection in synchronous generators,” *IET Electr Power Appl*, vol. 13, no. 12, pp. 2128–2138, Dec. 2019, doi: 10.1049/iet-epa.2018.5961.
- [16] I. G. Ratnaya, N. Santiyadnya, and I. P. Suka Arsa, “Electricity Savings Using Passive Filters,” in *Journal of Physics: Conference Series*, Institute of Physics Publishing, Mar. 2019. doi: 10.1088/1742-6596/1165/1/012006.