

DAFTAR PUSTAKA

- [1] E. M. Wazeer, R. El-Azab, M. Daowd, and A. M. A. Ghany, "Short-Term Frequency Stability Regulation for Power System with Large-Scale Wind Energy Penetration Using PID Controller," *2018 20th International Middle East Power Systems Conference, MEPCON 2018 - Proceedings*, pp. 1059–1063, 2018, doi: 10.1109/MEPCON.2018.8635188.
- [2] V. Pavlovsky, A. Steliuk, O. Lenga, V. Zaychenko, and M. Vyshnevskiy, "Frequency stability simulation considering underfrequency load shedding relays, special protection automatics and AGC software models," *2017 IEEE Manchester PowerTech, Powertech 2017*, pp. 5–9, 2017, doi: 10.1109/PTC.2017.7981043.
- [3] H. H. Happ, *Power system control and stability*, vol. 67, no. 8. 2008. doi: 10.1109/proc.1979.11425.
- [4] V. Muzik and V. Vajnar, "Frequency and voltage stability assessment of a power system during emergency service states," *Proceedings of the 2018 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering, EIConRus 2018*, vol. 2018-Janua, pp. 708–711, 2018, doi: 10.1109/EIConRus.2018.83171942.
- [5] K. Maslo, "Impact of Photovoltaics on Frequency Stability of Power System during Solar Eclipse," *IEEE Transactions on Power Systems*, vol. 31, no. 5, pp. 3648–3655, 2016, doi: 10.1109/TPWRS.2015.2490245.
- [6] M. Yadav, N. Pal, and D. K. Saini, "Low voltage ride through capability for resilient electrical distribution system integrated with renewable energy resources," *Energy Reports*, vol. 9, pp. 833–858, 2023, doi: 10.1016/j.egy.2022.12.023.
- [7] Republik Indonesia, "Presidential Regulation Number 112 of 2022 (The Acceleration of Renewable Energy Development for Electricity)," *The Government of Indonesia*, no. 135413, pp. 1–37, 2022.
- [8] A. E. Saputra, A. U. Krismanto, and A. Lomi, "Baru Terbarukan Terhadap Kestabilan Frekuensi Pada Saluran Transmisi 150Kv Bali," *Magnetika*, vol. 07, pp. 206–213, 2023.
- [9] I. Tf, "Inertia and ROCOF - Entsoe," 2020.

- [10] A. E. Saputra, A. U. Krismanto, and A. Lomi, "ANALISISA PENGARUH INTEGRASI PEMBANGKIT ENERGI BARU TERBARUKAN TERHADAP KESTABILAN FREKUENSI PADA SALURAN TRANSMISI 150KV BALI," vol. 07, 2023.
- [11] D. A. Mulyawati, "ANALISIS PENGARUH INTEGRASI PEMBANGKIT LISTRIK TENAGA BAYU TERHADAP KESTABILAN FREKUENSI PADA SALURAN TRANSMISI 150kV SULSELBAR".
- [12] K. N. Nwaigwe, P. Mutabilwa, and E. Dintwa, "An overview of solar power (PV systems) integration into electricity grids," *Materials Science for Energy Technologies*, vol. 2, no. 3, pp. 629–633, Dec. 2019, doi: 10.1016/j.mset.2019.07.002.
- [13] T. Kerdphol, F. S. Rahman, and Y. Mitani, "Virtual Inertia Control Application to Enhance Frequency Stability of Interconnected Power Systems with High Renewable Energy Penetration," *Energies*, vol. 11, no. 4, p. 981, Apr. 2018, doi: 10.3390/en11040981.
- [14] A. B. Putranto, A. U. Krismanto, and A. Lomi, "ANALISA PENGARUH INTEGRASI PEMBANGKIT LISTRIK TENAGA BAYU TERHADAP SMALL SIGNAL STABILITY DI SISTEM KELISTRIKAN SULSELBAR," vol. 07, 2023.
- [15] P. Bhasaputra, C. Sansilah, and W. Pattaraprakorn, "Impact of solar and wind power development plan in Thailand by considering frequency response of power system," *ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology*, 2015, doi: 10.1109/ECTICon.2015.7207000.
- [16] D. Remon, A. M. Cantarellas, J. M. Mauricio, and P. Rodriguez, "Power system stability analysis under increasing penetration of photovoltaic power plants with synchronous power controllers," *IET Renewable Power Generation*, vol. 11, no. 6, pp. 733–741, 2017, doi: 10.1049/iet-rpg.2016.0904.
- [17] K. N. Nwaigwe, P. Mutabilwa, and E. Dintwa, "An overview of solar power (PV systems) integration into electricity grids," *Materials Science for Energy Technologies*, vol. 2, no. 3, pp. 629–633, 2019, doi: 10.1016/j.mset.2019.07.002.
- [18] A. Cabrera-Tobar, E. Bullich-Massagué, M. Aragüés-Peñalba, and O. Gomis-Bellmunt, "Review of advanced grid requirements for the integration of large scale photovoltaic power plants in the

- transmission system,” *Renewable and Sustainable Energy Reviews*, vol. 62, pp. 971–987, 2016, doi: 10.1016/j.rser.2016.05.044.
- [19] E. Duymaz, S. Pourkeivannour, D. Ceylan, I. Sahin, and O. Keysan, “Design of a power plant emulator for the dynamic frequency stability studies,” *Proceedings - 2018 23rd International Conference on Electrical Machines, ICEM 2018*, pp. 152–157, 2018, doi: 10.1109/ICELMACH.2018.8507035.
- [20] I. B. Sulistiawati, A. Nurdiansyah, A. Lomi, A. Priyadi, and I. B. G. Manuaba, “Analysis of the Frequency and Voltage Changes while Load Shedding in the Multimachine System,” *Proceeding - 2018 International Seminar on Intelligent Technology and Its Application, ISITIA 2018*, pp. 45–49, 2018, doi: 10.1109/ISITIA.2018.8710965.
- [21] R. K. Varma, M. Salama, F. Ieee, R. Seethapathy, and M. Ieee, “Large-Scale Photovoltaic Solar Power Networks,” *Interfaces*, pp. 1–4, 2009.
- [22] P. M. Musau, B. O. Ojwang, and M. Kiprotich, “Improving Frequency Stability for Renewable Energy Power Plants with Disturbances,” *2019 IEEE PES GTD Grand International Conference and Exposition Asia, GTD Asia 2019*, pp. 394–399, 2019, doi: 10.1109/GTDAsia.2019.8715924.
- [23] DIgSILENT, “Stability Analysis Functions (RMS).”
- [24] U. Datta, A. Kalam, and J. Shi, “Battery energy storage system for transient frequency stability enhancement of a large-scale power system,” *2017 Australasian Universities Power Engineering Conference, AUPEC 2017*, vol. 2017-Novem, pp. 1–5, 2018, doi: 10.1109/AUPEC.2017.8282465.
- [25] Yolnasdi, L. Anggit Waskito, and D. Setiawan, “Analisa Stabilitas Sistem Kelistrikan Sumatera dengan Beroperasinya PLTGU Riau 275 MW menggunakan Simulasi Digsilent,” *Jurnal Sain, Energi, Teknologi & Industri*, vol. 6, no. 1, pp. 39–45, 2021, doi: 10.31849/sainetin.v6i1.8871.