

DAFTAR PUSTAKA

- [1] DIREKTORAT JENDRAL KETENAGALISTRIKAN KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL, "Statistik ketenagalistrikan tahun 2022," Jakarta, Aug. 2023.
- [2] "Rencana usaha penyediaan tenaga listrik (ruptl) 2021-2030," <https://web.pln.co.id/statics/uploads/2021/10/ruptl-2021-2030.pdf>, 2021, accessed: 2024-05-21.
- [3] T. d. K. E. Balai Besar Survei dan Pengujian Ketenagalistrikan, Energi Baru, "Potensi energi angin indonesia 2020," 2020, accessed: 2024-05-21. [Online]. Available: https://p3tkebt.esdm.go.id/pilot-plan-project/energi_angin/potensi-energi-angin-indonesia-2020
- [4] F. Author and S. Author, "Coordination of directional overcurrent protection relay for distribution network with embedded dg," in *2024 IEEE International Conference on Power Systems Technology (POWERCON)*. IEEE, 2024, pp. 123–130.
- [5] C. Angeles, E. Mercader, G. Tan, M. Pacis, and R. Bersano Jr, "Fault evaluation and performance of an ieee bus 30 power distribution network with distributed generation (dg)," in *2017 IEEE Region 10 Conference (TENCON)*. IEEE, 2017, pp. 978–983.
- [6] J. Sa'ed, S. Favuzza, M. Ippolito, and F. Massaro, "An investigation of protection devices coordination effects on distributed generators capacity in radial distribution systems," in *2013 IEEE International Conference on Environment and Electrical Engineering (EEEIC)*. IEEE, 2013, pp. 686–692.
- [7] Adrianti and R. Prasetya, "Maximum capacities of distributed generations in order to avoid failures of the overcurrent relay coordination on a distribution network," *Journal of Electrical Engineering*, vol. 5, no. 3, 2016, iSSN: 2302-2949.
- [8] A. Suwardi, "Pengaruh pemasangan distributed generation (dg) terhadap respon gangguan pada sistem distribusi," in *Simposium Nasional RAPI VIII 2009*. Universitas Muhammadiyah Surakarta, 2009, iSSN: 1412-9612.
- [9] S. Brahma and A. Girgis, "Microprocessor-based reclosing to coordinate fuse and recloser in a system with high penetration of distributed generation," in *2002 IEEE Power Engineering Society Winter Meeting. Conference Proceedings (Cat. No.02CH37309)*, vol. 1, 2002, pp. 453–458 vol.1.
- [10] P. I. Santos e Abreu and A. G. Martins, "Assessment of the behavior of protection systems in radial networks with distributed generation," in *2016 51st International Universities Power Engineering Conference (UPEC)*, 2016, pp. 1–6.
- [11] M. R. Adzani, "Evaluation analysis of docr (directional overcurrent relays) relay settings as a protection at pt. linde indonesia sites gresik jawa timur," Surabaya, Indonesia, 2016, final Project - TE 141599.
- [12] R. B. Y. Bahtiar, "Protection coordination due to distributed generators installation on the radial distribution system in nusa penida bali," Surabaya, Indonesia, 2016, final Project - TE 141599.

- [13] H. H. Zeineldin, H. M. Sharaf, D. K. Ibrahim, and E. E.-D. A. El-Zahab, "Optimal protection coordination for meshed distribution systems with dg using dual setting directional over-current relays," *IEEE Transactions on Smart Grid*, vol. 6, no. 1, pp. 115–123, 2015.
- [14] B. Maharni, Syafii, and A. A. Zakri, "Integration of photovoltaic distributed generation in grid distribution network: A literature review," *Andalas International Journal of Applied Science, Engineering, and Technology*, vol. 3, no. 3, 2023, e-ISSN: 2797-0442.
- [15] D. M. Bayu, "Rugi-rugi daya pada penyulang di gardu induk sungai juaro dengan menggunakan software matlab r2012b," Palembang, Indonesia, 2015, laporan Akhir - Program Studi Teknik Listrik.
- [16] H. Saadat, *Power System Analysis*, 3rd ed. United States: PSA Publishing, 2010, library of Congress Control Number: 2010906755.
- [17] P. K. V, K. Gowrishankar, E. Sivanantham, K. S. Rao, N. Kiran, and A. Vimal, "Detection of early fault in power electronic converters through machine learning and data mining techniques," in *2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)*, 2023, pp. 1438–1442.
- [18] P. M. Anderson, *Analysis of Faulted Power Systems*, ser. IEEE Press Power System Engineering Series. United States: IEEE Press, 1995, reprint. Originally published: Iowa State University Press, 1973. Includes bibliographical references and index.
- [19] M. J. Slabbert, "Prioritising the protection philosophy elements of speed, selectivity, sensitivity, dependability and security in mv and hv networks," in *EEA Conference & Exhibition 2021*. Wellington, New Zealand: Mitton ElectroNet Ltd, June 30 – July 1 2021, mEng (Electrical), NDip (Digital Tech.), PrEng, SMSAIEEE.
- [20] A. Reda, A. F. Abdelgawad, M. I. Elsayed, and F. B. Al-Dousar, "Multi-characteristic overcurrent relay of feeder protection for minimum tripping times and self-protection," *Electrical Engineering*, vol. 105, no. 4, pp. 605–617, 2023.
- [21] M. H. Hairi, M. S. M. Aras, F. Hanaffi, and M. Sulaiman, "Performance evaluation of overcurrent protection relay based on relay operation time (rot)," *International Journal of Electrical Engineering and Applied Sciences (IJEEAS)*, vol. 1, no. 1, pp. 1–10, 2018, received 16 November 2017, Received in revised form 9 January 2018, Accepted 24 January 2018.
- [22] *IEEE Guide for Protective Relay Applications to Distribution Lines*, IEEE Power and Energy Society, Power System Relaying Committee Std. IEEE Std C37.230-2020, December 2020, revision of IEEE Std C37.230-2007.
- [23] K. Chheng, "The coordination of dual setting directional overcurrent relay in pt. pupuk sriwidjaja ring system using adaptive modified firefly algorithm," Master's Thesis, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia, 2020, thesis - EE185401.
- [24] "Ieee recommended practice for protection and coordination of industrial and commercial power systems," *ANSI/IEEE Std 242-1986*, pp. 1–592, 1986.

- [25] D. A. Gresenda, “Koordinasi overcurrent relay pada sistem distribusi radial yang terinterkoneksi distributed generation (dg),” Yogyakarta, Indonesia, 2023.
- [26] P. Dondi, D. Bayoumi, C. Haederli, D. Julian, and M. Suter, “Network integration of distributed power generation,” *Journal of Power Sources*, vol. 106, no. 1-9, pp. 1–9, 2002, <https://www.elsevier.com/locate/jpowsour>.
- [27] M. Baran and F. Wu, “Network reconfiguration in distribution systems for loss reduction and load balancing,” *IEEE Transactions on Power Delivery*, vol. 4, no. 2, pp. 1401–1407, 1989.
- [28] “Ieee guide for the application of current transformers used for protective relaying purposes,” *IEEE Std C37.110-1996*, pp. 1–64, 1996.
- [29] “Ieee guide for protective relay applications to distribution lines,” *IEEE Std C37.230-2020 (Revision of IEEE Std C37.230-2007)*, pp. 1–106, 2021.
- [30] S. Kansal, B. B. R. Sai, B. Tyagi, and V. Kumar, “Optimal placement of wind-based generation in distribution networks,” in *IET Conference on Renewable Power Generation (RPG 2011)*, 2011, pp. 1–6.
- [31] H. K. Karegar and S. Saberi, “Investigating of wind turbines affects on recloser operation in distribution networks,” in *2010 IEEE International Conference on Power and Energy*, 2010, pp. 523–526.