

DAFTAR PUSTAKA

- [1] A. S. Rajagukguk, M. Pakiding, and M. Rumbayan, “Kajian perencanaan kebutuhan dan pemenuhan energi listrik di kota manado,” *Jurnal Teknik Elektro dan Komputer*, vol. 4, no. 3, pp. 1–11, 2015.
- [2] “Statistik PLN 2021,” PLN website, 2021. [Online]. Available: <https://web.pln.co.id/statics/uploads/2022/08/Statistik-PLN-2021-29-7-22-Final.pdf>
- [3] A. Lomi, N. C. Hien, and N. Mithulananthan, “Application of distributed generation to enhance loadability of distribution system, a case study,” in *2009 IEEE PES/IAS Conference on Sustainable Alternative Energy (SAE)*. IEEE, 2009, pp. 1–7.
- [4] H. Lidan, L. Yuping, W. Gang *et al.*, “Study on the effect of distributed generation size on digital protective device in distribution system,” *Electric Power*, vol. 41, no. 3, pp. 12–16, 2008.
- [5] A. Girgis and S. Brahma, “Effect of distributed generation on protective device coordination in distribution system,” in *LESCOPE 01. 2001 Large Engineering Systems Conference on Power Engineering. Conference Proceedings. Theme: Powering Beyond 2001 (Cat. No.01ex490)*. IEEE, 2002.
- [6] S. Boljevic and M. F. Conlon, “The contribution to distribution network short-circuit current level from the connection of distributed generation,” in *2008 43rd International Universities Power Engineering Conference*, 2008, pp. 1–6.
- [7] S.-W. Yim, B.-C. Park, Y.-T. Jeong, Y.-J. Kim, S.-E. Yang, W.-S. Kim, H.-R. Kim, and H.-I. Du, “Improvement in operational characteristics of kepcos line-commutation-type superconducting hybrid fault current limiter,” *Physica C: Superconductivity*, vol. 484, pp. 267–271, 2013.
- [8] J. Zhu, X. Zheng, M. Qiu, Z. Zhang, J. Li, and W. Yuan, “Application simulation of a resistive type superconducting fault current limiter (sfcl) in a transmission and wind power system,” *Energy Procedia*, vol. 75, pp. 716–721, 2015.
- [9] F. Mumford, “Superconducting fault current limiters,” 1995.
- [10] M. J. Kim, K. Park, K.-Y. Ahn, Y.-G. Kim, and D.-K. Lim, “Application of fault current limiter in 22.9 kv kepcos grid,” in *2015 3rd International Conference on Electric Power Equipment–Switching Technology (ICEPE-ST)*. IEEE, 2015, pp. 557–560.
- [11] G. Karady, “Principles of fault current limitation by a resonant lc circuit,” in *IEE Proceedings C (Generation, Transmission and Distribution)*, vol. 139, no. 1. IET, 1992, pp. 1–6.
- [12] N. MUK, “Analisa keandalan sistem distribusi 20 kv di pt. pln rayon blora dengan metode fmea,” *Institut Teknologi Sepuluh Nopember Surabaya*, 2017.
- [13] A. Anugrah, “Penentuan kombinasi tie switch pada jaringan distribusi radial untuk meminimasi rugi daya berbasis geographic information system (gis) menggunakan

genetic algorithm (ga)," Ph.D. dissertation, Institut Teknologi Sepuluh Nopember, 2016.

- [14] H. Ghoreishi, H. Afrakhte, and M. Jabbari ghadi, "Optimal placement of tie points and sectionalizers in radial distribution network in presence of dgs considering load significance," in *2013 Smart Grid Conference (SGC)*, 2013, pp. 160–165.
- [15] G. Pepermans, J. Driesen, D. Haeseldonckx, R. Belmans, and W. D'haeseleer, "Distributed generation: definition, benefits and issues," *Energy policy*, vol. 33, no. 6, pp. 787–798, 2005.
- [16] T. Ackermann, G. Andersson, and L. Söder, "Distributed generation: a definition," *Electric power systems research*, vol. 57, no. 3, pp. 195–204, 2001.
- [17] P. Salmerón Revuelta, S. Pérez Litrán, and J. Prieto Thomas, "Distributed generation," in *Active Power Line Conditioners*. Elsevier, 2016, pp. 285–322.
- [18] H. Saadat, *Power System Analysis*, 3rd ed. PSA Publishing, 2010.
- [19] S. Mali, S. James, and I. Tank, "Improving low voltage ride-through capabilities for grid connected wind turbine generator," *Energy Procedia*, vol. 54, pp. 530–540, 2014.
- [20] H. A. Behabtu, T. Coosemans, M. Berecibar, K. A. Fante, A. A. Kebede, J. V. Mierlo, and M. Messagie, "Performance evaluation of grid-connected wind turbine generators," *Energies*, vol. 14, no. 20, p. 6807, 2021.
- [21] J. Mudi and D. Sinha, "Comparative study among different wind turbines used for wind energy system," in *2014 1st International Conference on Non Conventional Energy (ICONCE 2014)*. IEEE, 2014, pp. 175–179.
- [22] P. M. Anderson, *Analysis of faulted power systems*, ser. IEEE Press power system engineering series. IEEE Press, 1995. [Online]. Available: <http://gen.lib.rus.ec/book/index.php?md5=05cacc377c3bfcaaf1d6c10dbc97da07>
- [23] C. Meyer, S. Schroder, and R. W. De Doncker, "Solid-state circuit breakers and current limiters for medium-voltage systems having distributed power systems," *IEEE transactions on power electronics*, vol. 19, no. 5, pp. 1333–1340, 2004.
- [24] M. Rezaee and R. G. Harley, "Resonance-based fault current limiters: theory, applications, and assessment," *IEEE Transactions on Industry Applications*, vol. 54, no. 4, pp. 3066–3076, 2018.
- [25] G. García, D. M. Larruskain, and A. Etxegarai, "Modelling of resistive type superconducting fault current limiter for hvdc grids," *Energies*, vol. 15, no. 13, p. 4605, 2022.
- [26] L. Jiang, J. X. Jin, and X. Y. Chen, "Fully controlled hybrid bridge type superconducting fault current limiter," *IEEE Transactions on Applied Superconductivity*, vol. 24, no. 5, pp. 1–5, 2014.

- [27] D. P. MUSTIKA, “Peningkatan stabilitas transien pada turbin angin berbasis doubly fed induction generator menggunakan superconducting fault current limiter tipe bridge dan series dynamic resistor,” Ph.D. dissertation, Universitas Gadjah Mada, 2022.
- [28] A. Heidary, H. Radmanesh, K. Rouzbehi, A. Mehrizi-Sani, and G. B. Gharehpetian, “Inductive fault current limiters: A review,” *Electric Power Systems Research*, vol. 187, p. 106499, 2020. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S0378779620303023>
- [29] MathWorks. Thyristor. Signal Processing Toolbox User’s Guide. [Online]. Available: <https://www.mathworks.com/help/sps/powersys/ref/thyristor.html>
- [30] N. Mohan, T. M. Undeland, and W. P. Robbins, *Power Electronics: Converters, Applications, and Design*, 3rd ed. New York: Wiley, 2002.
- [31] G. G. Sotelo, G. dos Santos, F. Sass, B. W. Franca, D. H. N. Dias, M. Z. Fortes, A. Polasek, and R. de Andrade Jr, “A review of superconducting fault current limiters compared with other proven technologies,” *Superconductivity*, p. 100018, 2022.
- [32] K. V. Shah, “Evolution of thyristors,” *J. Inst. Eng. (India) Ser. B*, vol. 101, no. 5, pp. 553–563, Oct. 2020.
- [33] MathWorks. Gto (gate turn-off thyristor). Signal Processing Toolbox User’s Guide. [Online]. Available: <https://www.mathworks.com/help/sps/powersys/ref/gto.html>
- [34] U. A. Khan, J. Seong, S. Lee, S. Lim, and B. Lee, “Feasibility analysis of the positioning of superconducting fault current limiters for the smart grid application using simulink and simpowersystem,” *IEEE Transactions on Applied Superconductivity*, vol. 21, no. 3, pp. 2165–2169, 2010.
- [35] M. H. Yuen, “Short circuit abc—learn it in an hour, use it anywhere, memorize no formula,” *IEEE Transactions on Industry Applications*, no. 2, pp. 261–272, 1974.
- [36] B. Kim, Y.-H. Nam, H. Ko, C.-H. Park, H.-C. Kim, K.-S. Ryu, and D.-J. Kim, “Novel voltage control method of the primary feeder by the energy storage system and step voltage regulator,” *Energies*, vol. 12, no. 17, p. 3357, 2019.
- [37] Hyundai Electric. (n.d.) MT Vacuum Circuit Breaker Catalog. [Online]. Available: <http://hyundai-electric.es/media/images/Catalogos/MT-Interruptor-vacio-VCB-eng.pdf>
- [38] M. H. Alsharif, J. Kim, and J. H. Kim, “Opportunities and challenges of solar and wind energy in south korea: A review,” *Sustainability*, vol. 10, no. 6, p. 1822, 2018.