

DAFTAR PUSTAKA

- [1] H. L. R. van der Walt, R. Bansal, and R. Naidoo, "Maintaining overcurrent protection in a PV-based distributed generation power systems," *Int. Trans. Electr. Energy Syst.*, vol. 28, no. 7, pp. 1–13, 2018, doi: 10.1002/etep.2562.
- [2] A. Adrianti and R. Prasetya, "Maximum Capacities of Distributed Generation in order to Avoid Failures of the Overcurrent Relay Coordination on a Distribution Networks," *J. Nas. Tek. Elektro*, vol. 5, no. 3, p. 392, 2016, doi: 10.25077/jnte.v5n3.331.2016.
- [3] R. F. Buzo, H. M. Barradas, and F. B. Leão, "Fault Current of PV Inverters Under Grid-Connected Operation: A Review," *J. Control. Autom. Electr. Syst.*, vol. 32, no. 4, pp. 1053–1062, 2021, doi: 10.1007/s40313-021-00729-6.
- [4] J. Andruszkiewicz, J. Lorenc, B. Staszak, A. Weychan, and B. Zięba, "Overcurrent protection against multi-phase faults in MV networks based on negative and zero sequence criteria," *Int. J. Electr. Power Energy Syst.*, vol. 134, 2022, doi: 10.1016/j.ijepes.2021.107449.
- [5] M. Asief, D. Rahmatullah, I. D. P. Karyatanti, and I. Winarno, "Koordinasi Docr Pada Sistem Distribusi Dengan Pembangkit Tersebar Menggunakan Artificial Neural Network Bpcg," *J. Tek. Elektro dan Komput. TRIAC*, vol. 9, no. 1, pp. 17–27, 2022, doi: 10.21107/triac.v9i1.13401.
- [6] M. Jesuli, R. Gianto, I. Arsyad, J. T. Elektro, F. Teknik, and U. Tanjungpura, "Pengaruh Pembangkit Tersebar Terhadap Rugi-Rugi Daya Sistem Distribusi Tenaga Listrik," *J. Tek. Elektro Univ. Tanjungpura*, vol. 1, pp. 1–8, 2021, [Online]. Available: <https://jurnal.untan.ac.id/index.php/jteuntan/article/view/44527>
- [7] F. Prima Sakti and M. H. Achmad, "Peningkatan Voltage Stability Dengan Pemasangan Pembangkitan Tersebar Pada Sistem Distribusi Area Yogyakarta Menggunakan Flower Pollination Algorithm," *Transmisi*, vol. 24, no. 2, pp. 74–82, 2022, doi: 10.14710/transmisi.24.2.74-82.
- [8] D. E. Myori, R. Mukhaiyar, and E. Fitri, "Sistem Tracking Cahaya Matahari pada Photovoltaic," *INVOTEK J. Inov. Vokasional dan Teknol.*, vol. 19, no. 1, pp. 9–16, 2019, doi: 10.24036/invotek.v19i1.548.
- [9] T. Pipit Mulyah, Dyah Aminatun, Sukma Septian Nasution, Tommy Hastomo, Setiana Sri Wahyuni Sitepu, "Analisa Pengaruh Penyambungan Plts 1 Mw Terhadap Arus Hubung Singkat Dan Loadflow Pada Sistem Distribusi Tenaga Listrik 87,2 Mw Di Daerah X," *J. GEEJ*, vol. 7, no. 2, 2020.
- [10] N. Rizal, R. S. Lubis, M. Syukri, J. Tgk, S. Abdurrauf, and B. Aceh, "Analisis Penggunaan Pembatas Arus Hubung Singkat Dengan Reaktor Seri

- pada Jaringan Transmisi 150kV di Gardu Induk Nagan Raya-Meulaboh,” vol. 9, no. 2, pp. 84–91, 2024.
- [11] W. D. J. Stevenson, *Analisis Sistem Tenaga Listrik edisi keempat*. Jakarta: Erlangga, 1990.
 - [12] R. Syahputra Srg, R. Harahap, P. Arus, and R. Syahputra Siregar, “Perhitungan Arus Netral, Rugi-Rugi, dan Efisiensi Transformator Distribusi 3 Fasa 20 KV/400V Di PT. PLN (Persero) Rayon Medan Timur Akibat Ketidakseimbangan Beban,” *J. Electr. Technol.*, vol. 2, no. 3, pp. 79–85, 2017.
 - [13] M. F. Pratama, I. M. I. Arsyad, Z. Abidin, M. Eng, F. Teknik, and U. T. Pontianak, “PERHITUNGAN KETIDAKSEIMBANGAN BEBAN PADA TRANSFORMATOR DISTRIBUSI Di PT. PLN (Persero) ULP PUTUSSIBAU,” *J. Tek. Elektro*, vol. 1, 2023.
 - [14] N. Aryanto and M. Balkis, “Tinjauan Gangguan Jaringan Distribusi 20 Kv,” *JTERAF (Jurnal Tek. Elektro Raflesia)*, vol. I, no. 1, 2021.
 - [15] A. Frediansyah, M. Facta, and S. Handoko, “Koordinasi Proteksi Relai Arus Lebih pada Sistem Distribusi Radial Menggunakan Jaringan Syaraf Tiruan Perambatan Balik,” *Elektrika*, vol. 14, no. 1, p. 7, 2022, doi: 10.26623/elektrika.v14i1.4474.
 - [16] M. Rauf, “Evaluasi Kinerja Setting Proteksi Over Current Relay Dan Ground Fault Relay Jaringan Distribusi 20kv Pada Gardu Induk Panakkukang,” *Semin. Nas. Tek. Elektro dan Inform. ...*, no. September, pp. 162–167, 2021, [Online]. Available: <https://jurnal.poliupg.ac.id/index.php/sntei/article/view/2881>
 - [17] A. Gaffar, A. Agussalim, and D. Arisandi, “Analisis Gangguan Hubung Singkat Pada Jaringan Distribusi 20 Kv Di Gardu Induk Panakkukang,” *J. Teknol. Elekterika*, vol. 14, no. 2, p. 156, 2017, doi: 10.31963/elekterika.v14i2.1221.
 - [18] M. Y. Imanuddin and F. Achmad, “Perencanaan Sistem Proteksi Pada Distribusi Tenaga Listrik Pada Proyek Kyo Apartment di PT. Alkonusa Teknik Interkon,” *J. ...*, vol. 5, pp. 1633–1639, 2023, [Online]. Available: <http://journal.universitaspahlawan.ac.id/index.php/jpdk/article/view/11186> %0A<http://journal.universitaspahlawan.ac.id/index.php/jpdk/article/download/11186/8606>
 - [19] A. B. Mubarak and H. B. Utomo, “Studi Koordinasi Proteksi Transformator Pemakaian Sendiri Pada Unit-4 PLTP Kamojang Menggunakan ETAP 12.6. 0,” *Pros. Ind. Res. ...*, pp. 13–14, 2022, [Online]. Available: <https://jurnal.polban.ac.id/ojs-3.1.2/proceeding/article/view/4335> %0A<https://jurnal.polban.ac.id/ojs-3.1.2/proceeding/article/view/4335/2901>
 - [20] H. D. Laksono, M. H. Hakim, R. Ikhlas, and R. A. Ramlee, “Design of Protection Relay Coordination Settings and Connecting to PLC Siemens S7-

1500 For Load Shadding and HMI Display at PT. Semen Padang,” *Andalas J. Electr. Electron. Eng. Technol.*, vol. 2, no. 2, pp. 35–42, 2022, doi: 10.25077/ajeeet.v2i2.24.

- [21] H. M. Sharaf, H. H. Zeineldin, D. K. Ibrahim, and E. E. D. A. El Zahab, “Protection coordination of directional overcurrent relays considering fault current direction,” *IEEE PES Innov. Smart Grid Technol. Conf. Eur.*, pp. 1–5, 2014, doi: 10.1109/ISGTEurope.2014.7028793.
- [22] F. Calero, “Rebirth of negative-sequence quantities in protective relaying with microprocessor-based relays,” *Annu. Conf. Prot. Relay Eng.*, no. 1, pp. 190–219, 2004, doi: 10.1109/cpre.2004.238492.
- [23] I. Bayu, P. Putra, A. Triwiyatno, and M. Facta, “Perancangan Modul Simulator Pendeteksi Gangguan Arus Urutan Negatif”.
- [24] G. Kou, J. Jordan, B. Cockerham, R. Patterson, and P. Vansant, “Negative-Sequence Current Injection of Transmission Solar Farms,” *IEEE Trans. Power Deliv.*, vol. 35, no. 6, pp. 2740–2743, 2020, doi: 10.1109/TPWRD.2020.3014783.

