

## DAFTAR PUSTAKA

- Adrian, A. T., & Umar, U. (2021). Analisa Proteksi Rele Jarak pada Saluran Udara Tegangan Tinggi 150 kV Gardu Induk Solo Baru-Palur. *Prosiding Simposium Nasional Rekayasa Aplikasi Perancangan Dan Industri*, pp. 159–166.
- Adrianti, A., Nasir, M., & Rivaldi, M. (2020). Studi Pemanfaatan Relai Jarak *Quadrilateral* untuk Proteksi Saluran Distribusi dengan Pembangkit Tersebar. *Jurnal Rekayasa ElektriKA*, Vol. 6, No. 2. [doi.org/10.17529/jre.v16i2.15734](https://doi.org/10.17529/jre.v16i2.15734)
- Andreansyah, L., Gunawan, G., & Sukoco, B. (2020). Analisis Relai Jarak Sebagai Proteksi Pada Jaringan Transmisi Saluran Udara Tegangan Tinggi 150 kV Gardu Induk Randu Garut – Weleri. *Prosiding Konstelasi Ilmiah Mahasiswa Unissula (KIMU) Klaster Engineering*, pp. 133-140. ISSN. 2720-9180.
- Azhar, A., & Aryanto, A. (2013). Studi Pengaruh Masuknya Pembangkit Listrik Tenaga Angin Di Kabupaten Bulukumba Ke Sistem Sulsel Dengan Memanfaatkan *Software* Digsilent. *Skripsi*. Teknik Elektro. Universitas Hasanuddin.
- Azis, A., & Febrianti, I. K. (2019). Analisis Sistem Proteksi Arus Lebih Pada Penyulang Cendana Gardu Induk Bungaran Palembang. *Jurnal Ampere*, Vol. 4, No. 2, pp. 332–344. [doi.org/10.31851/ampere.v4i2.3468](https://doi.org/10.31851/ampere.v4i2.3468)
- Cahyaningsih, I., Facta, M., & Denis, D. (2020). Perhitungan Nilai *Setting* Proteksi Rele Jarak Pada Saluran Transmisi Gardu Induk 150 kV Guluk-Guluk Pulau Madura Provinsi Jawa Timur. *Transient: Jurnal Ilmiah Teknik Elektro*, Vol. 9, No. 2, pp. 244–252. [doi.org/10.14710/transient.v9i2.244-252](https://doi.org/10.14710/transient.v9i2.244-252)
- Dase, K., Guzmán, A., Chase, S., & Smyth, B. (2023). *Applying Dependable and Secure Protection With Quadrilateral Distance Elements*. *Schweitzer Engineering Laboratories*, pp. 1-19. <https://www.researchgate.net/publication/364356738>
- Dianto, R. R. (2018). Analisis Perhitungan *Setting* Relay Jarak Pada Saluran Udara Tegangan Tinggi 150 kV Gardu Induk Bantul Godean-Kentungan. *Skripsi*. Teknik Elektro. Universitas Muhammadiyah Yogyakarta.
- Dooley, M., Mraz, J., Findley, A., Lewis, D., & Mooney, J. (2019a). *Grounding Considerations for Transmission Line Protection*. *2019 72nd Conference for Protective Relay Engineers (CPRE)*, pp. 1–10. [doi.org/10.1109/CPRE.2019.8765866](https://doi.org/10.1109/CPRE.2019.8765866)
- Dooley, M., Mraz, J., Findley, A., Lewis, D., & Mooney, J. (2019b). *Grounding Considerations for Transmission Line Protection* Pp. 1–10. [doi.org/10.1109/CPRE.2019.8765866](https://doi.org/10.1109/CPRE.2019.8765866)
- Fauzany, R. A., Arjana, I. G. D., & Partha, C. G. I. (2019). Analisis *Resetting* Rele Jarak Akibat *Uprating* Konduktor GIS Pesanggaran-GI Sanur. *Jurnal SPEKTRUM* Vol. 6, No. 2. [doi.org/10.24843/SPEKTRUM.2019.v06.i02.p03](https://doi.org/10.24843/SPEKTRUM.2019.v06.i02.p03)
- Swara, I. B. K. A. (2023). Analisis *Resetting* Relay Jarak Pada Bay Penghantar Klaten di Gardu Induk 150 kV Bantul Akibat Penambahan Gardu Induk 150 kV Ampel. *Skripsi*. Teknik Elektro. Universitas Negeri Yogyakarta.

- Jagtap, P., & Thakre, M. (2020). *Effect of Infeed Current and Fault Resistance on Distance Protection for Teed-Feed line*, pp. 1-6. [doi.org/10.1109/STPEC49749.2020.9297799](https://doi.org/10.1109/STPEC49749.2020.9297799)
- Kapadia, J., & Upadhyay, V. (2019). *Trends in Electrical Engineering Three Zone Distance Protection of Transmission Line Using MHO and Quadrilateral Characteristics*, pp. 17–30.
- Multi, A. (2022). Studi Pengaruh Penyetelan Rele Jarak Pada Saluran Udara Tegangan Tinggi 150 kV Terhadap Kawat Penghantar HVCRC 1x310 mm<sup>2</sup> dan ACCC 1x310 mm<sup>2</sup>, pp. 15–21.
- Pamula, M., Pirade, S. D., Pirade, Y. S., & Amin, N. (2019). Evaluasi *Setting* Relai Jarak (*Distance Relay*) Pada Saluran Udara Tegangan Tinggi (Sutt) 150 kV Antara Gardu Induk Sidera – Gardu Induk Tipo. *Foristek*, Vol. 9, No. 1. [doi.org/10.54757/fs.v9i1.67](https://doi.org/10.54757/fs.v9i1.67)
- Pangestu, A. (2019). Analisa Pengaruh Perubahan Impedansi Kawat Saluran terhadap *Setting* Relai Jarak pada Saluran Transmisi 150 kV (GI Paya Pasir). *Skripsi. Teknik Elektro. Universitas Muhammadiyah Sumatera Utara*.
- Pangestu, A., Hardi, S., & Rohana, R. (2022). Pengaruh Sambaran Petir Terhadap Kinerja Relai Jarak Dalam Menentukan Titik Gangguan Pada Saluran Transmisi. *Jurnal Darma Agung*, Vol. 30, No. 3, pp. 564–579. [doi.org/10.46930/ojsuda.v30i3.2270](https://doi.org/10.46930/ojsuda.v30i3.2270)
- Patel, U., Chothani, N., & Bhatt, P. (2018). *Adaptive quadrilateral distance relaying scheme for fault impedance compensation. Electrical, Control and Communication Engineering*, Vol. 14, No. 1, pp 58–70. [doi.org/10.2478/ecce-2018-0007](https://doi.org/10.2478/ecce-2018-0007)
- Prasetyo, B. E., K, H. M., & Pamasari, Y. (2020). Analisa Kinerja *Distance Relay* Terhadap Gangguan Penghantar 150 kV Surabaya Barat – Altaprima I. *ELPOSYS: Jurnal Sistem Kelistrikan*, Vol. 7, No. 1, pp. 30–36. [doi.org/10.33795/elposys.v7i1.95](https://doi.org/10.33795/elposys.v7i1.95)
- Priambodo, A. R., Sukmadi, T., & Facta, M. (2018). Analisis *Setting* Dan Koordinasi Rele Jarak Saluran 150 kV Ungaran–Krapyak–Sron dol. *Transient: Jurnal Ilmiah Teknik Elektro*, Vol. 7, No. 1, pp 223–229. [doi.org/10.14710/transient.7.1.223-229](https://doi.org/10.14710/transient.7.1.223-229)
- Rahmadani, A., Fadlika, I., Rahmawati, I., Al Muna, H., & Jong, G. J. (2019). *Reconfiguration of Protection System on 70kV Transmission Network. 2019 5th International Conference on Science and Technology (ICST)*, pp. 1–6. [dx.doi.org/10.1109/ICST47872.2019.9166328](https://dx.doi.org/10.1109/ICST47872.2019.9166328)
- Romdhani, D., & Muljono, A. B. (2021). Proteksi Rele Jarak Pada Jaringan Sutt 150 kV GI Ampenan - PLTU Lombok *Energy Dynamic (LED)*. *DIELEKTRIKA*, Vol. 8, No. 1, pp. 36–43. [doi.org/10.29303/dielektrika.v8i1.263](https://doi.org/10.29303/dielektrika.v8i1.263)
- Rosid, D. N. (2019). Analisis Proteksi Rele Jarak Pada Saluran Udara Tegangan Tinggi 150 kV Di Gardu Induk Pedan Wonosari, pp. 1–15. [Eprints.Ums.Ac.Id/Id/Eprint/70300](https://eprints.ums.ac.id/Id/Eprint/70300)
- Sampeallo, A. S., Nursalim, N., & Sagho, M. A. S. (2020). Evaluasi Penyetelan Rele Jarak Pada Jaringan Transmisi 70 Kv Bolok–Maulafa Menggunakan Digsilent 15.1. 7. *Jurnal Media Elektro*, pp. 1–9. [doi.org/10.35508/jme.v0i0.2671](https://doi.org/10.35508/jme.v0i0.2671)
- Seghir, S., Bouthiba, T., Boukhari, R., & Bouricha, A. (2018). *Fault Arc Resistance Impact on Fault Location in High Voltage Transmission line. 2018 International Conference*

*on Electrical Sciences and Technologies in Maghreb (CISTEM)*, pp. 1–6.  
[doi.org/10.1109/CISTEM.2018.8613468](https://doi.org/10.1109/CISTEM.2018.8613468)

- Shidiqi, M. A. (2018). Analisis *Setting* Relay Jarak (Distance Relay) Pada Saluran Udara Tegangan Tinggi 150 Kv Gardu Induk Bantul-Wates (Studi Kasus Pada Gardu Induk Bantul 150 kV). *Skripsi*. Teknik Elektro. Universitas Muhammadiyah Yogyakarta.
- Shimpi, K. S., & Jain, A. M. (2017). *Power swing detection, blocking and unblocking logic in distance relay*. 2017 *International Conference on Computing Methodologies and Communication (ICCMC)*, pp. 904–908. [doi.org/10.1109/ICCMC.2017.8282597](https://doi.org/10.1109/ICCMC.2017.8282597)
- Srinaldi, A., & Azmi, M. R. (2021). Proteksi Jaringan Transmisi Saluran Udara dengan Menggunakan Relay Jarak. *Aceh Journal of Electrical Engineering and Technology*, Vol. 1, No. 1, pp. 6–11.
- Suryadipraja, A. D. (2018). Studi Analisa Kerja Rele Jarak Pada Saluran Transmisi Gardu Induk Wonosari–Gardu Induk Solo Baru 150 kV. *Skripsi*. Teknik Elektro. Universitas Muhammadiyah Surakarta.
- Tsimtsios, A. M., & Nikolaidis, V. C. (2017). *Setting zero-sequence compensation factor in distance relays protecting distribution systems*. *IEEE Transactions on Power Delivery*, Vol. 33, Nol. 3, pp. 1236–1246. [doi.org/10.1109/TPWRD.2017.2762465](https://doi.org/10.1109/TPWRD.2017.2762465)
- Venkatanagaraju, K., Biswal, M., & Murty, K. K. (2021). *Operations of Distance Relay Third Zone Protection During Power System Critical Conditions: A Case Study on Indian Eastern Regional Grid*. *Journal of The Institution of Engineers (India): Series B*, Vol. 102, No. 3, pp. 595–603. [doi.org/10.1007/s40031-021-00554-0](https://doi.org/10.1007/s40031-021-00554-0)
- Wahyuningsih, R. A., Muljono, A. B., & Supriyatna, S. (2020). Proteksi Rele Jarak (Distance Relay) Pada Saluran Udara Tegangan Tinggi (SUTT) 150 kV Sistem Kelistrikan Lombok. *DIELEKTRIKA*, Vol. 7, No. 1, pp. 15–24.
- Zainuddin, M., & Suherman, S. (2013). *Setting Koordinasi Proteksi Distance Relay pada Saluran Transmisi 150 kV Gardu Induk Isimu ke Gardu Induk Botupingge PT. PLN (Persero) Sistem Gorontalo*. *RADIAL: Jurnal Peradaban Sains, Rekayasa Dan Teknologi*, Vol. 1, No. 2, pp. 78–89.