

DAFTAR PUSTAKA

- [1] Brian Bramantyo Harsono, Purnomoadi, Pramana, “Karakteristik Petir Indonesia Dan Penggunaannya Dalam Evaluasi Unjuk Kerja Saluran Udara 150 Kv Saat Terjadi Sambaran Petir,” Jurnal Technoprenuer Politeknik Negeri Gorontalo, 2021. Cotton, F. A. (1998): Kinetics of gasification of brown coal, Journal of American Chemical Society, 54, 38 – 43..
- [2] R. Zoro, Eko Yudo P, “Lightning Performance of Extra High Voltage 500 kV Lines at East Java – Indonesia,” IPTEK 2008
- [3] M. Z. A. A. K, M. H. A, and J. Jasronita, “Critical Review on the Need for Insulation Coordination Studies in Malaysia,” vol. 17, pp. 129–141, 2008
- [4] The IEEE Working Group “Guide for Improving the Lightning Performance of *Transmission lines*”, IEEE Std 1243–1997
- [5] IEEE Guide For The Application of Metal Oxide Surge *Arrester* for Alternating – Current Systems, IEEE Std C62.22-1997.
- [6] S. Wirjohamidjojo and Y. Swarinoto, Iklim Kawasan Indonesia (Dari Aspek Dinamik - Sinoptik). 2010
- [7] S. Mori and A. A. Arbain, “Thunderstorm Climatology Over Indonesian Maritime Continent Based On 13-Years Synop And Its Relation To Mjo Phases 2 Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Japan Global Precipitation Measurement (GPM) Asia Workshop on Precipit,” no. May 2014, 2016.
- [8] R. Zoro, G. K. M. Atmajaya, and B. Denov, “Lightning Protection System for High Voltage *Transmission line* in Indonesia,” Proc. 2nd Int. Conf. High Volt. Eng. Power Syst. Towar. Sustain. Reliab. Power Deliv. ICHVEPS 2019, pp. 0–4, 2019.
- [9] S. Shivalli, “Lightning Phenomenon, Effects and Protection of Structures from Lightning,” IOSR J. Electr. Electron. Eng., vol. 11, no. 3, pp. 2278–1676, 2016.
- [10] International Electrotechnical Commission, IEC 60060-1: High-Voltage Test Techniques – Part 1: General Definitions and Test Requirements. Geneva: IEC, 2010.
- [11] M. A. Uman, “The Physical Parameters of Lightning and the Techniques by Which They Are Measured,” pp. 429–454
- [12] Lightning Phenomenology,” Int. Geophys., vol. 39, no. C, pp. 37–57, 1987
- [13] M. S. Kamarudin, E. Sulaiman, Z. Ahmad, and S. A. Zulkifli, “Impulse Generator and Lightning Characteristics Simulation using Orcad PSpice Software,” 2nd Eng. Conf. Sustain. Eng., pp. 1032–1037, 2008
- [14] Dehn Sohne, Lightning Protection Guide 3rd updated edition. 2014.

- [15] Badan Standardisasi Nasional, "SNI IEC 62305-1:2009 Proteksi Terhadap Petir – Bagian 1 : Prinsip Umum," vol. 1, no. 2006, 2009.
- [16] S. Shivalli, "Lightning Phenomenon, Effects and Protection of Structures from Lightning," *IOSR J. Electr. Electron. Eng.*, vol. 11, no. 3, pp. 2278–1676, 2016.
- [17] A. A. Elmitwally and M. A. Eladawy, "Overvoltage protection of distribution networks using metal-oxide surge *arresters*," *Electric Power Systems Research*, vol. 76, pp. 301–308, 2006.
- [18] K. C. Lee, *Lightning Arresters and Surge Protection in Power Systems*. Singapore: McGraw-Hill, 2001.
- [19] M. H. Rashid, *Power Electronics Handbook*, 4th ed. Oxford: Elsevier, 2017.
- [20] K. M. Habsari, H. D. fitya Amaral, and H. Farhan, "Profil Tegangan Surja Petir pada Generator Impuls RLC Sebagai Simulasi Tegangan Lebih," *ELPOSYS: Jurnal Sistem Kelistrikan*, vol. 9, no. 1, pp. 24–27, 2022, doi: 10.33795/elposys.v9i1.88
- [21] H. A. Sano and F. Murdiya, "Analisa Sistem Proteksi Petir Pada Sutt 150 KV Menggunakan Software ATP," *Jom FTEKNIK*, vol. 5, no. 1, pp. 1–7, 2018.
- [22] D. Khan, M. Rafiq, S. F. Rafique, I. Khan, and F. Abbas, "Comparison of transmission losses and voltage drops of GIL(Gas Insulated *transmission line*) and overhead *transmission lines*," 16th Int. Power Electron. Motion Control Conf. Expo. PEMC 2014, pp. 1151–1153, 2014.
- [23] M. C. M. Barasa et al., "Analisis Kinerja Lightning Arester Pada Jaringan Transmisi 150 Kv Sistem Minahasa Khususnya Pada Penyulang Kawangkoan - Lopana," *J. Tek. Elektro dan Komput.*, vol. 6, no. 1, pp. 7–14, 2017.
- [24] R. Zoro, G. K. M. Atmajaya, and B. Denov, "Lightning Protection System for High Voltage *Transmission line* in Indonesia," Proc. 2nd Int. Conf. High Volt. Eng. Power Syst. Towar. Sustain. Reliab. Power Deliv. ICHVEPS 2019, pp. 0–4, 2019.
- [25] M. E. El-Hawary, *Introduction to Electrical Power Systems*, vol. 66, 2012.
- [26] United States Department of Agriculture, "Design guide for rural substations," *Rural Util. Serv.*, vol. 4, no. June, p. 764, 2001.
- [27] J. Pramono, C. M. Buwono, and Z. Zamrudi, "Transmission of Electrical Energy," *Makal. Tek. Tenaga List.*, 2010.
- [28] J. G. Anderson, "Lightning performance of transmissions lines", *Transmission line reference book 345 kV and above*, pp 545-578, 1982
- [29] R. Zoro, G. K. M. Atmajaya, and B. Denov, "Lightning Protection System for High Voltage *Transmission line* in Indonesia," Proc. 2nd Int. Conf. High Volt. Eng. Power Syst. Towar. Sustain. Reliab. Power Deliv. ICHVEPS 2019, pp. 0–4, 2019.

- [30] Jonathan Woodworth Consulting Engineer *ArresterWorks*, “What is a *Transmission line Arrester*”, *ArresterFacts* 017, 2009
- [31] IEEE Guide for the Application of Metal-Oxide Surge *Arresters* for Alternating-Current Systems, IEEE Std C62.22™-2009
- [32] Thanapong Suwanasri, “Investigation of Lightning Overvoltage on 220 kV *Transmission lines* in Bhutan Using ATP-EMTP”, IEEE ICPEI 2023
- [33] Mohd Hanafi Bin Mohd Esa, “Fast Transient Simulation Of Schmidt Surge *Arrester* Model On A *Transmission line* Using Atp’, Jan 2015
- [34] PLN PUSLITBANG, “Pemodelan Sambaran Petir Pada Saluran Transmisi,”2021
- [35] Masaru Ishii et al, “Multistory transmission tower model for lightning surge analysis”, IEEE Trans. PWRD, vol 6, n° 3, 1991, pp 1327 – 1335
- [36] Pinceti, P and M. Giannettoni, “A simplified model for zinc oxide surge *arresters*,” IEEE Transactions on Power Delivery. 1999, vol. 14, iss. 2, pp. 393{398. ISSN 0885-8977

