

DAFTAR PUSTAKA

- [1] R. A. Diantari, Rachmawati, U. Khayam, and Suwarno, "Insulator coating to improve outdoor insulator performance," 2023, pp. 287–292.
- [2] IQair, "Negara paling berpolusi di dunia 2022 - ranking pm2.5," 2 2024.
- [3] S. N. K. C. Varanasi, A. Paramane, P. Mishra, and X. Chen, "Mitigation of electrical stresses on outdoor polymeric insulator using nano-zinc oxide coating: Simulation and experimental validation," *IEEE Transactions on Dielectrics and Electrical Insulation*, vol. 31, pp. 1259–1267, 6 2024.
- [4] M. Bataloviü, H. Matoruga, M. Matoruga, and S. Berberoviü, "Electric field and temperature distribution along the polymer rod type suspension insulator in polluted environment," 2019, pp. 1–6.
- [5] Y. Harun and A. I. Pratiwi, "Karakteristik dielektrik isolator polimer resin epoksi berbahan pengisi abu tongkol jagung," *Electrician : Jurnal Rekayasa dan Teknologi Elektro*, vol. 14, pp. 15–20, 2 2020. [Online]. Available: <https://electrician.unila.ac.id/index.php/ojs/article/view/2141>
- [6] A. I. W. Nugroho, A. Syakur, and H. Hermawan, "Analisis unjuk kerja isolator polimer 20 kv resin epoksi bahan pengisi tio2 (titanium dioxide) dengan sirip seragam pada kondisi konduktivitas yang bervariasi," *Transient: Jurnal Ilmiah Teknik Elektro*, vol. 10, pp. 306–311, 6 2021.
- [7] A. Delfini, R. Pastore, F. Santoni, F. Piergentili, and M. Marchetti, "Ground simulation of the effects of the space environment on ceramic nano-coated panels for space environment protection," 2020, pp. 124–129.
- [8] H. Hermawan and A. S. N. T. Pratiwi, "Analisis pengaruh coating terhadap sudut kontak, arus bocor, dan thd pada isolator polimer 20 kv kondisi terkontaminasi," *Jurnal Ilmiah Teknik Elektro*, vol. 4, no. 2, pp. 276–283, vol. 4, 6 2015.
- [9] M.-R. Halloum and B. S. Reddy, "Performance evaluation of developed superhydrophobic coating for polymeric outdoor insulators," *IEEE Transactions on Dielectrics and Electrical Insulation*, vol. 31, pp. 869–878, 2024.
- [10] B. L. Tohing, *Peralatan Tegangan Tinggi*, S. A. M. Drajat and L. S. S.T., Eds. Penerbit Erlangga, 2012.
- [11] Z. Noer and I. Dayana, *Buku Fisika dan Teknologi Semikonduktor*, Guepedia/Br, Ed. Guepedia, 10 2021, vol. 1.
- [12] R. Jadid, "Pencitraan termal pada isolator keramik dan kaca terhadap penuaan," *etd.repository.ugm.ac.id*, 8 2023.
- [13] D. Suswanto, *Sistem Distribusi Tenaga Listrik*, 2009.
- [14] F. C. Priambada, A. Syakur, and H. Hermawan, "Analisis unjuk kerja isolator polimer 20 kv resin epoksi bahan pengisi sio2 (silicone dioxide) dengan sirip seragam pada kondisi konduktivitas yang bervariasi," *Transient: Jurnal Ilmiah Teknik Elektro*, vol. 10, pp. 300–305, 6 2021.



- [15] Wiadnyana and F. Dipa, "Studi arus bocor isolator (porcelain, polimer, epoxy resin dan gelas) merujuk pada polutan dari kawasan industri," <https://eprints.itenas.ac.id/>, 4 2021.
- [16] A. I. Pratiwi and M. Asri, "Analisis tegangan tembus dan hidrofobisitas isolator nano komposit resin epoksi dan sio₂," *Jambura Journal of Electrical and Electronics Engineering*, vol. 3, pp. 89–93, 7 2021.
- [17] W. A. R. Amiruddin, S. Manjang, and I. Kitta, "Simulasi karakteristik arus bocor dan sifat hidrofobik ke lapisan polusi permukaan isolator polimer silicone rubber," <https://journal.unhas.ac.id/>, vol. 1, 11 2022.
- [18] IEC TS 62073, "Guidance on the measurement of wettability of insulator surfaces," 2003.
- [19] IEC TS 60815-1, "Selection and dimensioning of high-voltage insulators intended for use in polluted conditions - part 1: Definitions, information and general principles," 2008.
- [20] A. A. Sabil, "Analisis pengaruh polutan garam terhadap tingkat arus bocor isolator piring berbahan kaca dengan lapisan hidrofobik," *Skripsi Universitas Brawijaya*, pp. 32–35, 12 2018.
- [21] H. A. Sadewo, "Karakteristik elektrik insulator tegangan menengah terhadap kontaminan di pln ulp giri, gresik," *Jurnal Institut Teknologi Sepuluh November*, 5 2019.
- [22] N. H. Fauzan, S. Pramonohadi, M. A. A. Syam, and R. R. Ardiantara, "Studi pengaruh kelembapan dan polutan pada kinerja isolator arrester 20 kv," *JURNAL NASIONAL TEKNIK ELEKTRO DAN TEKNOLOGI INFORMASI*, vol. 12, 5 2023.
- [23] C. Xuezhen, X. Chuannuo, Z. Yuan, J. Shuai, L. Jiming, R. Zheng, C. Liwen, Y. Yongjin, and L. Changyun, "Natural pollution characteristics analysis of xp-70 insulators based on esdd and microscopic particle image analysis method," 2020, pp. 1–8.
- [24] M. D. Hadi Suyono, Riza Aryanto, "Studi distribusi tegangan dan arus bocor pada isolator rantai dengan pembasahan," *Jurnal Mahasiswa Teknik Elektro Universitas Brawijaya*, vol. 3, no. 1, 2015.
- [25] D. D. Ramadhan, "Pengaruh jenis merk coating nano ceramic terhadap daya kilap, kekerasan dan ketahanan panas pada cat kendaraan," *Sarjana Thesis, Universitas Negeri Jakarta.*, 3 2021.
- [26] P. L. T. Rietvelde, *87 masalah pokok dalam regresi berganda / Piet Rietveld dan Lasmono Tri Sunaryanto*. Yogyakarta: Andi Offset, 1994.
- [27] G. A. Prasetya, "Pengaruh brand personality, persepsi harga, dan kualitas produk terhadap keputusan pembelian produk eiger outdoor (studi pada konsumen outlet eiger di buaran jakarta timur)," repository.stei.ac.id/, 5 2021.
- [28] D. N. Gujarati and D. C. Porter, *Basic econometrics*, 5th ed., ser. The McGraw-Hill series economics. Boston, Mass: McGraw-Hill, 2009.



- [29] A. O. Hawal, S. A. B. Rahma, and M. M. A. Samed, “Electrical performance study of 11kv coated porcelain, coated glass, and polymer outdoor high voltage insulators,” , vol. 8, pp. 31–45, 6 2023.