

## DAFTAR PUSTAKA

- Abdillah, M., Mutia, T., Aryo, T., & Indriani, N. (2022). Design of Automatic Transfer Switch on A Renewable Energy Hybrid Grid System at PT Lentera Bumi Nusantara. *Journal of Advanced Technology and Multidiscipline (JATM)*, 01, 38–44.
- Amalia Putya Adirawati, F. (n.d.). *Pengaruh Partial Discharge Pada Kubikel Incoming 20 kV dengan Metode TEV*.
- Christiono, C., Romadhoni, M. L., Fikri, M., Zainal, D. M. P., & Iklas, K. A. (2025). Effect of Temperature on the Dielectric Properties of Silicone Rubber Polymer Insulator Filled With Coal Fly Ash. *2025 5th International Conference on High Voltage Engineering and Power Systems (ICHVEPS)*, 606–611. <https://doi.org/10.1109/ICHVEPS66913.2025.11351258>
- Christiono, Iwa Garniwa, M. K., Fikri, M., Abduh, S., Nukaffah, R. M., Br Tampubolon, M. S., Iklas, K. A., & Setiawan, M. B. (2024). Increasing the Quantity Efficiency of Coal Fly Ash Mixture in Silicone Rubber Polymer Insulator Material to Reduce Leakage Current in Salt Mist Contaminants. *ICT-PEP 2024 - International Conference on Technology and Policy in Energy and Electric Power: Resilient Power Systems: Navigating the Clean Energy Transition, Proceedings*, 170–175. <https://doi.org/10.1109/ICT-PEP63827.2024.10732893>
- Departemen Energi dan Sumber Daya Mineral Republik Indonesia. (2000). *Persyaratan Umum Instalasi Listrik 2000 (PUIL 2000) (SNI 04 0225 2000)*. Direktorat Jenderal Listrik dan Pemanfaatan Energi.
- Hidayat, S., Garniwa, I., Christiono, Samsurizal, & Fikri, M. (2022a). *PENGEMBANGAN RANCANG BANGUN PENDETEKSI GEJALA KORONA* (S. BM. Sangaji, Ed.). Institut Teknologi PLN.
- Hidayat, S., Garniwa, I., Christiono, Samsurizal, & Fikri, M. (2022b). *PENGEMBANGAN RANCANG BANGUN PENDETEKSI GEJALA KORONA PADA KUBIKELTEGANGAN MENENGAH (TM) 20 KV BERBASIS SPEKTRUM SUARA* (Iriansyah BM. Sangaji, Ed.; 1st ed., Vol. 1). Institut Teknologi PLN.
- Katche, M. L., Makokha, A. B., Zachary, S. O., & Adaramola, M. S. (2023). A Comprehensive Review of Maximum Power Point Tracking (MPPT) Techniques Used in Solar PV Systems. In *Energies* (Vol. 16, Number 5). MDPI. <https://doi.org/10.3390/en16052206>
- Khatima, H. (2020). *RANCANG BANGUN AUTOMATIC TRANSFER SWITCH ANTARA PLN DAN SOLAR CELL*.
- Liu, T. (n.d.). *Digital-output relative humidity & temperature sensor/module DHT22 (DHT22 also named as AM2302) Capacitive-type humidity and temperature module/sensor*.
- Liu, Y. (2022). Smart Greenhouse Monitoring and Controlling based on NodeMCU. *IJACSA International Journal of Advanced Computer Science and Applications*, 13(9), 2022. [https://doi.org/https://thesai.org/Downloads/Volume13No9/Paper\\_73-Smart\\_Greenhouse\\_Monitoring\\_and\\_Controlling\\_based\\_on\\_NodeMCU.pdf](https://doi.org/https://thesai.org/Downloads/Volume13No9/Paper_73-Smart_Greenhouse_Monitoring_and_Controlling_based_on_NodeMCU.pdf)

- Medina, J., Barros, K., Chamorro, W., & Ramírez, J. (2024). Design and Construction of a Controlled Solid-State Relay with Variable Duty Ratio for DOMOTIC Applications †. *Engineering Proceedings*, 77(1). <https://doi.org/10.3390/engproc2024077014>
- Muhamad Ariandi, & Yoza Risti Oktaria. (2023). Prototipe Sistem Monitoring dan Kendali Suhu Box Kubikel 20 kV Berbasis Long Range (LoRa). *JURNAL MEDIA INFORMATIKA BUDIDARMA*, 7(4), 1678–1685. <https://doi.org/10.30865/mib.v7i4.6809>
- Omron. (n.d.). *Data Sheet Relay MK-I/-S*.
- Picking, Rich. (2017). *2017 Internet Technologies and Applications (ITA) : proceedings of the Seventh International Conference : Tuesday 12th - Friday 15th September 2017, Wrexham Glyndŵr University, Wales, UK*. IEEE.
- Pramudita, R., & Ardiansyah, N. P. (2021). RANCANG BANGUN ALAT MONITORING DAYA DENGAN HMI BERBASIS ARDUINO UNO SEBAGAI OPC. In *Neris Peri Ardiansyah Jurnal Ilmiah Teknologi Informasi Terapan* (Vol. 7, Number 2).
- PT PLN (Persero), D. S. (2019). *SPLN D3.020-1:2019 Perangkat Hubung Bagi Tegangan Menengah – Bagian 1: Kubikel Berinsulasi Udara* (SPLN D3.020-1:2019).
- Ridho Tullah Syahputra. (2024). *PERANCANGAN SISTEM AUTOMATIC TRANSFER SWITCH ANTARPEMBANGKIT LISTRIK TENAGA SURYA DAN PLN UNTUK STASIUNPENGISIAN KENDARAAN LISTRIK*. UNIVERSITAS ANDALAS.
- Rinaldi, A., & Jatmiko, M. A. (2025). Monitoring Real Time Tingkat Kebisingan Laboratorium Ship Power Plan Berbasis Internet of Things. *Citizen : Jurnal Ilmiah Multidisiplin Indonesia*, 5(1), 202–209. <https://doi.org/10.53866/jimi.v5i1.702>
- Samsulrizal, Fikri, M., Mauriraya, K., Pasra, N., & Christiono. (2021). *Pengenalan Pembangkit Listrik Tenaga Surya (PLTS)* (Ranti J+Hidayawanti, Ed.; 1st ed., Vol. 1). Institut Perusahaan Listrik Negara.
- Sulistyo, M. H. (2022). *RANCANG BANGUN AUTOMATIC TRANSFER SWITCH (ATS) SERTA MONITORING DAN CONTROLLING DUAL CHARGING DENGAN DUA SUMBER PLN DAN PLTS BERBASIS IOT (INTERNET OF THINGS)*.
- Sulistyono, B. (2024). *SISTEM MONITORING TEMPERATUR DAN HUMIDITY PADA RUANG TERMINASI KUBIKEL 20 KV GARDU BANDAR UDARA SOEKARNO-HATTA*.
- Wahidin, N. F., Yadie, E., & Putra, M. A. (2022). Analisis Perbandingan Solar Charging Controller (SCC) Jenis PWM Dan MPPT Pada Automatic Handwasher with Workstation Bertenaga Surya Politeknik Negeri Samarinda. *PoliGrid*, 3(1), 12. <https://doi.org/10.46964/poligrid.v3i1.1490>
- Zhao, W., Yan, J., Wang, X., Li, W., Yang, X., & Wang, W. (2024). Study on Relay Contact Bounce Based on the Adaptive Weight Rotation Template Matching Algorithm. *Applied Sciences (Switzerland)*, 14(6). <https://doi.org/10.3390/app14062341>