

DAFTAR PUSTAKA

- [1] M. Lundqvist, C. Helmke, and H. A. Ossenbrink, “ESTI-LOG PV plant monitoring system,” *Solar Energy Materials and Solar Cells*, vol. 47, no. 1–4, pp. 289–294, Oct. 1997, doi: 10.1016/S0927-0248(97)00051-2.
- [2] S. Ghazi and K. Ip, “The effect of weather conditions on the efficiency of PV panels in the southeast of UK,” *Renewable Energy*, vol. 69, pp. 50–59, Sep. 2014, doi: 10.1016/j.renene.2014.03.018.
- [3] D. Paul, “Performance Evaluation and Operation of Auto Load Transfer Switch,” *IJRSE*, vol. 2, no. 6, p. 205, 2013, doi: 10.11648/j.ijrse.20130206.13.
- [4] B. Prasetyo, “ANALISIS PENGARUH INTENSITAS MATAHARI, SUHU PERMUKAAN & SUDUT PENGARAH TERHADAP KINERJA PANEL,” vol. 14, no. 3, p. 8.
- [5] S. N., A. M., and N. H., “Solar Photovoltaic Systems – Applications & Configurations,” *International Research Journal of Engineering and Technology (IRJET)*, vol. 4, pp. 1851–1855, 2017.
- [6] T. Galketiya, J. Kahahena, J. Chandran, and I. Kavalchuk, “Novel Communication System for SCADA Tied Smart Inverter for Vietnam,” *IEEE 2019 25th Asia-Pacific Conference on Communications (APCC)*, pp. 331–335, Nov. 2019, doi: 10.1109/APCC47188.2019.9026522.
- [7] N. Goldenberg and A. Wool, “Accurate modeling of Modbus/TCP for intrusion detection in SCADA systems,” *International Journal of Critical Infrastructure Protection*, vol. 6, no. 2, pp. 63–75, Jun. 2013, doi: 10.1016/j.ijcip.2013.05.001.
- [8] S. Tamboli, M. Rawale, R. Thoraiet, and S. Agashe, “Implementation of Modbus RTU and Modbus TCP communication using Siemens S7-1200 PLC for batch process,” in *2015 International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM)*, Avadi,Chennai, India, May 2015, pp. 258–263. doi: 10.1109/ICSTM.2015.7225424.

- [9] MODICON, *Modbus Protocol Reference Guide*. North Andover, Massachusetts 01845: Inc., Industrial Automation Systems One High Street, 1996.
- [10] Q. Bai, B. Jin, D. Wang, Y. Wang, and X. Liu, “Compact Modbus TCP/IP protocol for data acquisition systems based on limited hardware resources,” *J. Inst.*, vol. 13, no. 04, pp. T04004–T04004, Apr. 2018, doi: 10.1088/1748-0221/13/04/T04004.
- [11] T. Tosin, “Perancangan dan Implementasi Komunikasi RS-485 Menggunakan Protokol Modbus RTU dan Modbus TCP Pada Sistem Pick-By-Light,” *Komputika*, vol. 10, no. 1, pp. 85–91, Mar. 2021, doi: 10.34010/komputika.v10i1.3557.
- [12] I. R. Rahadjeng, “ANALISIS JARINGAN LOCAL AREA NETWORK (LAN) PADA PT. MUSTIKA RATU Tbk JAKARTA TIMUR,” vol. 5, no. 1, p. 8, 2018.
- [13] T. J. Jansen, *Solar engineering technology*. Prentice Hall, 1985.
- [14] M. Boxwell, *The Solar Electricity Handbook - 2017 Edition: A simple, practical guide to solar energy – designing and installing solar photovoltaic systems.*, 2017th ed. Greenstream Publishing.
- [15] K. P. Rao, D. S. Sao, and D. J. Subrahmanyam, “Development of A Grid Connected Inverter for Solar PV Systems with Energy Capture Improvement Based On Current Control Strategy,” vol. 3, no. 4, p. 6, 2013.
- [16] Tarmizi, “Desain Konverter Pada Sistem Hybrid PV-Grid Berbasiskan Mikrokontroler PIC16F877,” *Jurnal Rekayasa Elektrika*, vol. 9, pp. 108-114., 2011, doi: 10.17529/jre.v9i3.159.
- [17] R. Karo-Karo, “STUDI ANALISA GANGGUAN HUBUNGAN SINGKAT SATU FASA KETANAH AKIBAT SAMBARAN PETIR PADA SALURAN TRANSMISI 150 KV PADA PT. PLN PERSERO GI TITI KUNING,” Universitas Muhammadiyah Sumatera Utara, Thesis, Aug. 2017. [Online]. Available: <http://repository.umsu.ac.id/handle/123456789/12583>
- [18] J. Manihuruk, T. Simorangkir, and N. L. Sitanggang, “Studi Kemampuan Arrester Untuk Pengaman Transformator Pada Gardu Induk Tanjung Morawa 150 KV,” *Telecommunications & Control System -ELPOTECS Jurnal*, vol. 4, no. 1, p. 10, 2021.

- [19] M. K. Alkindi, “PERANCANGAN ALAT DETEKTOR KEGAGALAN FASA SEBAGAI PROTEKSI BEBAN 3 FASA,” Universitas Muhammadiyah Sumatera Utara, Thesis 1, 2018. [Online]. Available:
<http://repository.umsu.ac.id/handle/123456789/14457>