

DAFTAR PUSTAKA

- Agung Wahyudi. (2024). RPJP Sektor Transportasi Terkait Energi dan Lingkungan Dalam Menghadapi Tantangan Global 2045. *Jurnal Riset Ekonomi*, 3 No. 5, 14.
- Alhazmi, Y. (2025). Techno-Economic Design Analysis of Electric Vehicle Charging Stations Powered by Photovoltaic Technology on the Highways of Saudi Arabia. *Energies*, 18(2), 315. <https://doi.org/10.3390/en18020315>
- Bhadra, S., Mukhopadhyay, P., Bhattacharya, S., Debnath, S., Jhampati, S., & Chandra, A. (2020). Design and Development of Solar Power Hybrid Electric Vehicles Charging Station. *2020 IEEE 1st International Conference for Convergence in Engineering (ICCE)*, 285–289. <https://doi.org/10.1109/ICCE50343.2020.9290651>
- Chandrasa, G. T., & Sarinanto, M. M. (2020). *Energi Fotovoltaik Untuk SPKLU Pintar Cepat Hibrida*.
- Denis, D., Windarta, J., Winardi, B., & Nurdani, I. A. (2022). Analisis Teknik Serta Kelayakan Ekonomi Pada Perancangan Pembangkit Listrik Tenaga Surya Sistem Hybrid. *Infotekmesin*, 13(1), 80–86. <https://doi.org/10.35970/infotekmesin.v13i1.962>
- Dharmawan, I. P., Kumara, I. N. S., & Budiastra, I. N. (2021). Perkembangan Infrastruktur Pengisian Baterai Kendaraan Listrik Di Indonesia. *Jurnal SPEKTRUM*, 8(3), 90. <https://doi.org/10.24843/SPEKTRUM.2021.v08.i03.p12>

- Glenk, G., Meier, R., & Reichelstein, S. (2021). Cost Dynamics of Clean Energy Technologies. *Schmalenbach Journal of Business Research*, 73(2), 179–206. <https://doi.org/10.1007/s41471-021-00114-8>
- Halim Tjiwidjaja & Rianti Salima. (2023). Dampak Energi Fosil Terhadap Perubahan Iklim Dan Solusi Berbasis Energi Hijau. *Jurnal Wilayah, Kota dan Lingkungan Berkelanjutan*, 2(2), 166–172. <https://doi.org/10.58169/jwikal.v2i2.625>
- Herdian, R., Lomi, A., & Krismanto, A. U. (2022). *Analisis Manajemen Energi Charging Station Dengan Pemanfaatan PLTS 0.5 MWp On Grid Di ITN Malang*.
- Ibrahim, M. (2022). Investigation of a grid-connected solar pv system for the electric-vehicle charging station of an office building using pvsol software. *Polityka Energetyczna – Energy Policy Journal*, 25(1), 175–208. <https://doi.org/10.33223/epj/147329>
- Indrawan, I. E., & Hartati, R. S. (2013). *Perancangan Photovoltaic Stand Alone Ssebagai Catu Daya Pada Base Transceiver Station Telekomunikasi di Pulau Nusa Penida*. 12(1).
- James P. Dunlop. (1997). *Batteries and Charge Control in Stand-Alone Photovoltaic Systems: Fundamentals and Application*. Florida Solar Energy Center.
- Kalogirou, S. (2009). *Solar energy engineering: Processes and systems*. Elsevier/Academic Press.

- Khalid, M. R., Khan, I. A., Hameed, S., Asghar, M. S. J., & Ro, J. (2021). A Comprehensive Review on Structural Topologies, Power Levels, Energy Storage Systems, and Standards for Electric Vehicle Charging Stations and Their Impacts on Grid. *IEEE Access*, 9, 128069–128094. <https://doi.org/10.1109/ACCESS.2021.3112189>
- Khan, S., Sudhakar, K., & Bin Yusof, M. H. (2023). Building integrated photovoltaics powered electric vehicle charging with energy storage for residential building: Design, simulation, and assessment. *Journal of Energy Storage*, 63, 107050. <https://doi.org/10.1016/j.est.2023.107050>
- Michael Boxwell. (2021). *Solar Electricity Handbook 2021 Edition* (Fourteenth Edition). Greenstream Publishing.
- Plante, R. H. (2014). *Solar energy, photovoltaics, and domestic hot water: A technical and economic guide for project planners, builders, and property owners* (First Edition). Academic Press.
- Pratama, Y. W., & Sulistiyowati, I. (2023). *Rancang Bangun Stasiun pengisian kendaraan Listrik Umum (SPKLU) Berbasis Koin Dengan Solar Panel Sebagai Sumber Energi*.
- Rachmanto, R. A., Regannanta, F. J., Ubaidillah, Arifin, Z., Widhiyanuriyawan, D., Yohana, E., & Prasetyo, S. D. (2023). Analysis Development of Public Electric Vehicle Charging Stations Using On-Grid Solar Power Plants in Indonesia. *International Journal of Transport Development and Integration*, 7(3), 215–222. <https://doi.org/10.18280/ijtdi.070305>

- Rehman, A. U., Khalid, H. M., & Muyeen, S. M. (2024). Grid-integrated solutions for sustainable EV charging: A comparative study of renewable energy and battery storage systems. *Frontiers in Energy Research*, 12, 1403883. <https://doi.org/10.3389/fenrg.2024.1403883>
- Ridho, M. A., Winardi, B., & Nugroho, A. (2019). Analisis Potensi Dan Unjuk Kerja Perencanaan Pembangkit Listrik Tenaga Surya (PLTS) Di Departemen Teknik Elektro Universitas Diponegoro Menggunakan Software PVSyst 6.43. *TRANSIENT*, 7(4), 883. <https://doi.org/10.14710/transient.7.4.883-890>
- Sampeallo, A. S., Galla, W. F., & Mbakurawang, F. (2018). Analisis Kinerja PLTS 25 kWp di Gedung Laboratorium Riset Terpadu Lahan Kering Kepulauan Undana Terhadap Variasi Beban. *Jurnal Media Elektro*, 13–21. <https://doi.org/10.35508/jme.v0i0.600>
- Samsurizal, Miftahul Fikri, Nurmiati Pasra, & Christiono. (2021). *Pengenalan Pembangkit Listrik Tenaga Surya (PLTS)*. Institut Teknologi PLN.
- Sayed, K., Elsayed, M. M., & Mohamed, A. (2025). Feasibility and Economic Assessment of a PV-Wind Hybrid Charging Station in the Bronx, NY. *IEEE Access*, 13, 61841–61861. <https://doi.org/10.1109/ACCESS.2025.3555158>
- Soe Soe Than, & Swe, W. (2024). Economic Analysis of PV-Utility Grid Hybrid Electric Vehicle Charging Station in Mandalay City. *The Indonesian Journal of Computer Science*, 13(2). <https://doi.org/10.33022/ijcs.v13i2.3912>

Tariq, M. U. N., Kashif, M., Malik, M., Shahzad, N., Khalid, M., Aslam, M. F., &

Khan, M. (2024). *The Impact of Solar Charging Stations On the Power System*. 9.

Ullah, Z., Wang, S., Wu, G., Hasanien, H. M., Rehman, A. U., Turkey, R. A., &

Elkadeem, M. R. (2023). Optimal scheduling and techno-economic analysis of electric vehicles by implementing solar-based grid-tied charging station.

Energy, 267, 126560. <https://doi.org/10.1016/j.energy.2022.126560>

