

DAFTAR PUSTAKA

- [1] N. Reyseliani, A. Hidayatno, and W. W. Purwanto, "Implication of the paris agreement target on indonesia electricity sector transition to 2050 using TIMES model," *Energy Policy*, vol. 169, no. 113184, p. 113184, Oct. 2022.
- [2] M. R. Jazuli, K. Roll, and Y. Mulugetta, "A review of indonesia's jetp through the dynamics of its policy regime," *Global Policy*, vol. 15, no. 5, pp. 989–1006, 2024.
- [3] Pemerintah Republik Indonesia, "Peraturan Pemerintah Republik Indonesia Nomor 79 Tahun 2014 tentang Kebijakan Energi Nasional," Lembaran Negara Republik Indonesia Tahun 2014 Nomor 263, Des 2014.
- [4] —, "Peraturan Presiden Republik Indonesia Nomor 22 Tahun 2017 tentang Rencana Umum Energi Nasional," Lembaran Negara Republik Indonesia Tahun 2017 Nomor 105, Mei 2017.
- [5] M. W. Rakib, A. H. Munna, T. Farooq, A. Boker, and M. He, "Enhancing grid stability and sustainability: Energy-storage-based hybrid systems for seamless renewable integration," *European Journal of Electrical Engineering and Computer Science*, vol. 8, no. 3, pp. 1–8, May 2024.
- [6] T. Philpott, A. P. Agalgaonkar, T. Brinsmead, and K. M. Muttaqi, "An open-source julia package for RMS time-domain simulations of power systems," *Energies*, vol. 17, no. 22, p. 5677, Nov. 2024.
- [7] S. Bekal, S. Hosamani, M. Salunke, S. Patil, and S. Hedge, "Transient stability analysis of a power system network using DIgSILENT PowerFactory software," in *2021 International Conference on Computational Performance Evaluation (ComPE)*. IEEE, Dec. 2021.
- [8] V. Vergara and J. D. Pinzón, "Automation of power system security assessment using python and DIgSILENT PowerFactory," in *2024 IEEE PES Generation, Transmission and Distribution Latin America Conference and Industrial Exposition (GTDLA)*. IEEE, Nov. 2024, pp. 1–6.
- [9] Cigré Task Force C6.04, *Benchmark systems for network integration of renewable and distributed energy resources*. Paris, France: Cigré, 2014.
- [10] O. Yanuar's Angsari, U. Awan, K. Kunci-Pengaruh, I. Plts, K. Tegangan, D. Powerfactory, and K. P-Vdaya, "ANALISIS PENGARUH INTEGRASI 0,5 MWp PLTS ITN MALANG TERHADAP KESTABILAN TEGANGAN PADA SISTEM DISTRIBUSI ULP SINGOSARI," <http://eprints.itn.ac.id/9219/11/Jurnal.pdf>, accessed: 2025-10-18.
- [11] J. Jiménez-Ruiz, A. Honrubia-Escribano, and E. Gómez-Lázaro, "Combined use of python and digsilent powerfactory to analyse power systems with large amounts of variable renewable generation," *Electronics*, vol. 13, no. 11, p. 2134, May 2024. [Online]. Available: <http://dx.doi.org/10.3390/electronics13112134>
- [12] DIgSILENT GmbH, *PowerFactory 2024: Python Function Reference*, DIgSILENT GmbH, Gomaringen, Germany, 2024, version 2024.

- [13] H. Latif, G. Shao, and B. Starly, "Integrating a dynamic simulator and advanced process control using the opc-ua standard," *Procedia Manufacturing*, vol. 34, pp. 813–819, 2019. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S2351978919309308>
- [14] G. Caiza, A. Nuñez, C. A. Garcia, and M. V. Garcia, "Human machine interfaces based on open source web-platform and opc ua," *Procedia Manufacturing*, vol. 42, p. 307–314, 2020. [Online]. Available: <http://dx.doi.org/10.1016/j.promfg.2020.02.089>
- [15] S. M. Tripathi and F. M. Gonzalez-Longatt, *Real-time simulation and hardware-in-the-loop testing using Typhoon HIL*, ser. Transactions on Computer Systems and Networks. Cham, Switzerland: Springer Nature, 2023. [Online]. Available: libgen.li/file.php?md5=99b048f48ce30e15594c002496ddf7ca
- [16] *OPC Unified Architecture - Part 1: Overview and Concepts*, International Electro-technical Commission Std. IEC 62 541-1:2020, 2020.
- [17] A. Busboom, "Automated generation of opc ua information models — a review and outlook," *Journal of Industrial Information Integration*, vol. 39, p. 100602, May 2024. [Online]. Available: <http://dx.doi.org/10.1016/j.jii.2024.100602>
- [18] M. Walker, C. v. Arnim, M. Neubauer, A. Lechler, O. Riedel, and A. Verl, "Reflection-based prototyping framework for opc ua servers for companion specifications," in *2023 IEEE International Conference on Industrial Technology (ICIT)*. IEEE, Apr. 2023, p. 1–6. [Online]. Available: <http://dx.doi.org/10.1109/ICIT58465.2023.10143130>
- [19] A. Tripathy, J. van Deventer, C. Paniagua, and J. Delsing, "Interoperability between ros and opc ua: A local cloud-based approach," in *2022 IEEE 5th International Conference on Industrial Cyber-Physical Systems (ICPS)*. IEEE, May 2022, p. 1–5. [Online]. Available: <http://dx.doi.org/10.1109/ICPS51978.2022.9816962>
- [20] E. Kirdan, J. Schindler, and K. Waedt, "Optimizing opc ua deployments on node.js through advanced logging techniques," *INFORMATIK 2023 - Designing Futures: Zukünfte gestalten*, 2023. [Online]. Available: <https://dl.gi.de/handle/20.500.12116/43128>
- [21] *Human Machine Interfaces for Process Automation Systems*, International Society of Automation Std. ANSI/ISA 101.01-2015, 2015.