

REFERENSI

- [1] I. N. C. Artawa, I. W. Sukerayasa, and I. A. Dwi Giriantari, "Analisa Pengaruh Pemasangan Distributed Generation Terhadap Profil Tegangan Pada Penyulang Abang Karangasem," *Maj. Ilm. Teknol. Elektro*, vol. 16, no. 3, p. 79, 2017, doi: 10.24843/mite.2017.v16i03p13.
- [2] T. Gönen, *Electric Power Distribution System Engineering*, 2nd ed. California: CRC Press, 2008.
- [3] R. Indonesia, "Peraturan Menteri Energi dan Sumber Daya mineral Nomor 04 tahun 2009 Tentang Aturan Distribusi Tenaga Listrik," p. 44, 2009.
- [4] B. R. Pepermans G, Driesen J, Haeseldonckx D, D'haeseleer W, "Distributed Generation : Definition , Benefits and Issues," *Univ. Leuven Energy Inst.*, vol. 32, no. 0, pp. 0–21, 2003.
- [5] E. Direktorat Jenderal Listrik dan Pemanfaatan Energi, *Pedoman teknis Standardisasi Peralatan dan Komponen Pembangkit Listrik Tenaga Mikrohidro (PLTMH)*. 2008.
- [6] Purwanto, *Pembangkit Listrik Tenaga Mikrohidro (PLTMH)*. 2017.
- [7] A. P. Tampubolon and J. C. Adiatama, "Laporan Status Energi Bersih Indonesia: Potensi, Kapasitas Terpasang, dan Rencana Pembangunan Pembangkit Listrik Energi Terbarukan 2019," *Iesr*, pp. 1–28, 2019, [Online]. Available: www.iesr.or.id.
- [8] M. H. Riaz *et al.*, "Micro hydro power plant dummy load controller," *Proc. - 2018, IEEE 1st Int. Conf. Power, Energy Smart Grid, ICPESG 2018*, pp. 1–4, 2018, doi: 10.1109/ICPESG.2018.8384511.
- [9] M. H. J. Bollen and M. Häger, "Power quality : interactions between distributed energy resources , the grid , and other customers."
- [10] M. H. J. Bollen and S. K. Rönnberg, "Hosting capacity of the power grid for renewable electricity production and new large consumption equipment," *Energies*, vol. 10, no. 9, 2017, doi: 10.3390/en10091325.
- [11] Direksi PT PLN Persero, "Pedoman Penyambungan Pembangkit Listrik Energi Terbarukan Ke Sistem Distribusi PLN," 2014.
- [12] S. IEEE, *IEEE Recommended Practice for Industrial and Commercial Power Systems Analysis*. 1997.
- [13] John J. Grainger and William D. Stevenson Jr, *Power system analysis*. 1994.
- [14] Japan International Cooperation Agency, "Guideline and Manual for Hydropower Development Vol. 1 Conventional Hydropower and Pumped Storage Hydropower," *Electr. Power Dev. Co., Ltd.*, vol. Vol. 1, no. March, p. 138, 2011, [Online]. Available: http://open_jicareport.jica.go.jp/pdf/12024881_01.pdf.



- [15] V. Quintero-Molina, M. Romero-L, and A. Pavas, "Assessment of the hosting capacity in distribution networks with different DG location," *2017 IEEE Manchester PowerTech, Powertech 2017*, p. 6, 2017, doi: 10.1109/PTC.2017.7981243.
- [16] S. S. Parihar and N. Malik, "Load Flow Analysis of Radial Distribution System with DG and Composite Load Model Shradha," *2018 Int. Conf. Power Energy, Environ. Intell. Control*, pp. 295–300, 2018, doi: 10.1109/RDCAPE.2017.8358259.
- [17] R. Hghw *et al.*, "PV Farm Placement and Sizing Using GA for Area Development Plan of Distribution Network," pp. 509–514, 2016.
- [18] M. G. S. Wicaksana, L. M. Putranto, F. Waskito, and M. Yasirroni, "Optimal Placement and Sizing of PV as DG for Losses Minimization Using PSO Algorithm: A Case in Purworejo Area," *Proceeding - 2020 Int. Conf. Sustain. Energy Eng. Appl. Sustain. Energy Transp. Towar. All-Renewable Futur. ICSEEA 2020*, pp. 102–107, 2020, doi: 10.1109/ICSEEA50711.2020.9306134.
- [19] Kementrian ESDM, "Aturan Jaringan Sistem Tenaga Listrik (Grid Code)," *Menteri Energi dan Sumber Daya Miner. Republik Indones.*, no. 3, pp. 417–607, 2020, [Online]. Available: [https://jdih.esdm.go.id/storage/document/PM ESDM No 20 Tahun 2020.pdf](https://jdih.esdm.go.id/storage/document/PM%20ESDM%20No%2020%20Tahun%202020.pdf).
- [20] Kementerian Energi dan Sumber Daya Mineral, *Pembiayaan Pembangkit Listrik Tenaga Mini Hidro*, no. Hidopower. 2016.
- [21] B. A. Nasir, "Design considerations of micro-hydro-electric power plant," *Energy Procedia*, vol. 50, p. 9, 2014, doi: 10.1016/j.egypro.2014.06.003.
- [22] B. Pranoto, S. N. Aini, H. Soekarno, A. Zukhrufiyati, H. Al Rasyid, and S. Lestari, "Potensi Energi Mikrohidro di Daerah Irigasi (Studi Kasus di Wilayah Sungai Serayu Opak)," *J. Irig.*, vol. 12, no. 2, p. 77, 2018, doi: 10.31028/ji.v12.i2.77-86.