

DAFTAR PUSTAKA

- [1] M. R. Ali, "Optimasi Penempatan Dan Kapasitas Distributed Generation Dengan Metode Flower Pollination Algorithm," 2015.
- [2] S. Shaddiq, "diajukan oleh Syahrial Shaddiq 15/389300/PTK/10420 Kepada," 2017.
- [3] P. D. P. Reddy, V. C. V. Reddy, and T. G. Manohar, "Ant Lion optimization algorithm for optimal sizing of renewable energy resources for loss reduction in distribution systems," *J. Electr. Syst. Inf. Technol.*, vol. 5, no. 3, pp. 663–680, 2017.
- [4] M. J. Hadidian-moghaddam, S. Arabi-nowdeh, M. Bigdeli, and D. Azizian, "A multi-objective optimal sizing and siting of distributed generation using ant lion optimization technique," *Ain Shams Eng. J.*, vol. 9, no. 4, pp. 2101–2109, 2018.
- [5] M. C. V. Suresh and E. J. Belwin, "Optimal DG placement for benefit maximization in distribution networks by using Dragonfly algorithm," *Renewables Wind. Water, Sol.*, vol. 5, no. 1, 2018.
- [6] O. Herbadji, L. Slimani, and T. Bouktir, "Optimal power flow with four conflicting objective functions using multiobjective ant lion algorithm: A case study of the algerian electrical network," *Iran. J. Electr. Electron. Eng.*, vol. 15, no. 1, pp. 94–113, 2019.
- [7] S. Mina Mirbagheri, D. Falabretti, V. Ilea, and M. Merlo, "Hosting Capacity Analysis: A Review and a New Evaluation Method in Case of Parameters Uncertainty and Multi-Generator," *Proc. - 2018 IEEE Int. Conf. Environ. Electr. Eng. 2018 IEEE Ind. Commer. Power Syst. Eur. IEEEIC/I CPS Eur. 2018*, pp. 1–6, 2018.
- [8] S. Mirjalili, "The ant lion optimizer," *Adv. Eng. Softw.*, vol. 83, pp. 80–98, 2015.
- [9] R. Syahputra, I. Robandi, and M. Ashari, "Performance improvement of radial distribution network with distributed generation integration using extended Particle Swarm Optimization algorithm," *Int. Rev. Electr. Eng.*, vol. 10, no. 2, pp. 293–304, 2015.
- [10] R. Syahputra, R. O. Wiyagi, S. Suropto, and I. Soesanti, "Optimization of distribution network configuration using evolutionary algorithm approach," *Int. J. Appl. Eng. Res.*, vol. 12, no. 16, pp. 6192–6200, 2017.
- [11] Y. Vega, "Distributed Generation & Hosting Capacity Need for stochastic analysis," 2012.
- [12] M. M. Begovic, I. Kim, D. Novosel, J. R. Agüero, and A. Rohatgi, "Integration of photovoltaic distributed generation in the power distribution grid," *Proc. Annu. Hawaii Int. Conf. Syst. Sci.*, pp. 1977–1986, 2012.
- [13] M. Karimi, H. Mokhlis, K. Naidu, S. Uddin, and A. H. A. Bakar, "Photovoltaic penetration issues and impacts in distribution network - A review," *Renew. Sustain. Energy Rev.*, vol. 53, pp. 594–605, 2016.
- [14] O. Sumantri *et al.*, "Guide for Renewable Energy Power Plant Interconnection to PLN

- Distribution System,” no. 0357, p. 72, 2014.
- [15] D. B. Santoso, S. Sarijaya, and F. P. Sakti, “Optimal Sizing and Placement of Wind-Based Distributed Generation to Minimize Losses Using Flower Pollination Algorithm,” *J. Teknol. Rekayasa*, vol. 3, no. 2, p. 167, 2018.
- [16] S. P. Santosa, Dian Budi; Sardjiya, Hadi, “Algoritma Aliran Daya dengan Metode Backward/Forward Sweep pada Sistem Distribusi Radial,” *ISBN 2085-6350*, pp. 78–82, 2017.
- [17] D. B. Santoso and U. S. Karawang, “Optimisasi Penempatan dan Kapasitas Wind-based Distributed Generation 2SWLPLVDVL 3HQHPSDWDQ GDQ . DSDVLWDV Wind-based Distributed Generation XQWXN 0LQLPLVDVL Losses 0HQJXQDNDQ 0HWRGH Flower Pollination Algorithm,” no. July 2017, 2018.
- [18] S. Mehta and M. M. Nischal, “Ant Lion Optimization for Optimum Power Nomenclature :,” vol. 3, no. X, pp. 1–6, 2015.
- [19] P. D. P. Reddy, V. C. V. Reddy, and T. G. Manohar, “Application of flower pollination algorithm for optimal placement and sizing of distributed generation in Distribution systems,” *J. Electr. Syst. Inf. Technol.*, vol. 3, no. 1, pp. 14–22, 2016.
- [20] Santosa, B dan Willy, P. 2011. *Metoda Metaheuristik konsep dan implementasi*. Surabaya : Guna Widya
- [21] Purnomo D H. 2014. *Cara Mudah Belajar Metode Optimisasi Metaheuristik Menggunakan Matlab*. Yogyakarta : Gava Media.
- [22] Mirjalili, Seyedali. 2015. *Ant Lion Optimization (ALO) Algorithm source code*. Diakses Dari www.alimirjalili.com/ALO.html pada tanggal 04 Juni 2019 pukul 10.56 wib
- [23] Kendziorski, Zozmann, & Kunz. 2018. *National Generation Capacity*. Diakses dari https://data.open-power-system-data.org/national_generation_capacity/2019-02-22 pada hari Kamis, 06 Juni 2019 pukul 15.38 WIB
- [24] University of queensland. *Data photovoltaic Gatton Power plant*. <http://solar.uq.edu.au/user/reportPower.php> diakses tanggal 10 juli 2019 pukul 22.00
- [25] Perlin, john. 1999. *Pembangkit Listrik Tenaga Surya*. https://id.wikipedia.org/wiki/Pembangkit_listrik_tenaga_surya diakses 30 juni 2019 pukul 20.00
- [26] Ant Lion Optimizer. https://en.wikiversity.org/wiki/Ant_lion_optimizer. Diakses 08 Agustus 2019 pukul 07.30 WIB
- [27] Suhail. 2013. *Load Flow of Radial Distribution System*. <https://www.mathworks.com/matlabcentral/fileexchange/40376-load-flow-of-radial-distribution-system>. Diakses 16 Agustus 2019 pukul 14.10 WIB

- [28] Kanta, G Mani. 2018. *Line data IEEE for radial distribution system*. Diakses dari <https://www.researchgate.net/search.Search.html?type=researcher&query=85%20bus%20data> diakses pada tanggal 17 Agustus 2019 pukul 16.20 WIB
- [29] Syahputra, R., Robandi, I., Ashari, M. (2015). Reconfiguration of Distribution Network with DER Integration Using PSO Algorithm. *TELKOMNIKA*, 13(3). pp. 759-766.
- [30] Syahputra, R., (2012), "Distributed Generation: State of the Arts dalam Penyediaan Energi Listrik", LP3M UMY, Yogyakarta, 2012.
- [31] Syahputra, R., (2016), "Transmisi dan Distribusi Tenaga Listrik", LP3M UMY, Yogyakarta, 2016.
- [32] Syahputra, R., (2015), "Teknologi dan Aplikasi Elektromagnetik", LP3M UMY, Yogyakarta, 2016.
- [33] Syahputra, R., Robandi, I., Ashari, M. (2014). Performance Analysis of Wind Turbine as a Distributed Generation Unit in Distribution System. *International Journal of Computer Science & Information Technology (IJCSIT)*, Vol. 6, No. 3, pp. 39-56.
- [34] Syahputra, R., (2013), "A Neuro-Fuzzy Approach For the Fault Location Estimation of Unsynchronized Two-Terminal Transmission Lines", *International Journal of Computer Science & Information Technology (IJCSIT)*, Vol. 5, No. 1, pp. 23-37.
- [35] Syahputra, R., (2012), "Fuzzy Multi-Objective Approach for the Improvement of Distribution Network Efficiency by Considering DG", *International Journal of Computer Science & Information Technology (IJCSIT)*, Vol. 4, No. 2, pp. 57-68.
- [36] Syahputra, R., Soesanti, I. (2015). "Control of Synchronous Generator in Wind Power Systems Using Neuro-Fuzzy Approach", *Proceeding of International Conference on Vocational Education and Electrical Engineering (ICVEE) 2015*, UNESA Surabaya, pp. 187-193.
- [37] Syahputra, R., Robandi, I., Ashari, M. (2014). "Optimal Distribution Network Reconfiguration with Penetration of Distributed Energy Resources", *Proceeding of 2014 1st International Conference on Information Technology, Computer, and Electrical Engineering (ICITACEE) 2014*, UNDIP Semarang, pp. 388 - 393.
- [38] Syahputra, R., Robandi, I., Ashari, M., (2013), "Distribution Network Efficiency Improvement Based on Fuzzy Multi-objective Method". *International Seminar on Applied Technology, Science and Arts (APTECS)*. 2013; pp. 224-229.
- [39] Syahputra, R., Robandi, I., Ashari, M., (2012), "Reconfiguration of Distribution Network with DG Using Fuzzy Multi-objective Method", *International Conference on Innovation, Management and Technology Research (ICIMTR)*, May 21-22, 2012, Melacca, Malaysia.
- [40] Syahputra, R. (2010). Fault Distance Estimation of Two-Terminal Transmission Lines. *Proceedings of International Seminar on Applied Technology, Science, and Arts (2nd APTECS)*, Surabaya, 21-22 Dec. 2010, pp. 419-423.

- [41] Syahputra, R., Soesanti, I. (2015). Power System Stabilizer model based on Fuzzy-PSO for improving power system stability. 2015 International Conference on Advanced Mechatronics, Intelligent Manufacture, and Industrial Automation (ICAMIMIA), Surabaya, 15-17 Oct. 2015 pp. 121 - 126.
- [42] Syahputra, R., Soesanti, I. (2016). Power System Stabilizer Model Using Artificial Immune System for Power System Controlling. International Journal of Applied Engineering Research (IJAER), 11(18), pp. 9269-9278.
- [43] Jamal, A., Syahputra, R. (2016). Heat Exchanger Control Based on Artificial Intelligence Approach. International Journal of Applied Engineering Research (IJAER), 11(16), pp. 9063-9069.