

DAFTAR PUSTAKA

- [1] Pemerintah Indonesia. 2014. Peraturan Pemerintah (PP) tentang Kebijakan Energi Nasional. Lembaran Negara Republik Indonesia Tahun 2014, No.300 Jakarta: Sekretariat Negara.
- [2] J. S. Setyono, F. H. Mardiansjah, dan M. F. K. Astuti, "Potensi Pengembangan Energi Baru dan Terbarukan di Kota Semarang," *Jurnal Riptek*, vol. 13, hal. 177-186, Des. 2019.
- [3] Suharyati, S. H. Pambudi, J. L. Wibowo, N. I. Pratiwi, *Outlook Energi Indonesia 2019*, Dewan Energi Nasional. Jakarta, Indonesia, 2019.
- [4] B. Kristanto, N. A. Mufarida, dan R. Shofiyah, "Optimasi Pengaruh Variasi Jumlah Sudu terhadap Kinerja Turbin Angin Vertikal Tipe Darrieus-H," *J-Proteksion*, vol. 6, hal. 26-29, Agu. 2021.
- [5] El Mokhi, C., & Addaim, A., "Optimization of Wind Turbine Interconnections in an Offshore Wind Farm Using Metaheuristic Algorithms". *Sustainability*, vol. 12, hal.1-24, Jul. 2020
- [6] M. Fischetti dan D. Pisinger., "Optimizing wind farm cable routing considering power losses". *European Journal of Operational Research*, vol. 270, hal. 917-930, Nov. 2018.
- [7] J. Li et al., "Cable Connection Optimization for Onshore Wind Farms Considering Restricted Area and Topography," in *IEEE Systems Journal*, vol. 14, no. 3, hal. 3082-3092, Sept. 2020, doi: 10.1109/JSYST.2020.2982843
- [8] P. Hou, W. Hu, dan Z. Chen, "Optimisation for offshore wind farm cable connection layout using adaptive particle swarm optimisation minimum spanning tree method," *IET Renewable Power Generation*, vol. 1, hal. 1-9, 2016.
- [9] R. B. Megadum and D. B. Kulkarni, "Minimization of Power Loss with Enhancement of the Voltage Profile using Optimal Placement of Distribution Transformer and Distributed Generator," *International Conference on Communication and Signal Processing (ICCSP)*, hal. 0392-0395. 2019. doi:

10.1109/ICCSP.2019.8698019.

- [10] S. Dutta dan T. J. Overbye., "A Clustering based Wind Farm Collector Sistem Cable Layout Design," *IEEE Power and Energy Conference*, hal. 1-6, 2011. doi: 10.1109/PECI.2011.5740480.
- [11] M. Nandigam and S. K. Dhali, "Optimal design of an offshore wind farm layout," *International Symposium on Power Electronics, Electrical Drives, Automation and Motion*, hal. 1470-1474, 2008. doi: 10.1109/SPEEDHAM.2008.4581308.
- [12] M. Agrawal, B.K. Saxena dan K.V.S. Rao, "Feasibility of Establishing Solar Photovoltaic Power Plants at Existing Wind Farms," *Internal Conference on Smart Technology for Smart Nation*, hal. 251-256, 2017. doi: 10.1109/SmartTechCon.2017.8358378.
- [13] C. Zhong, M. MaKabeln, dan D. Miao, "A fast minimum spanning tree algorithm based on K-means," *Information Sciences*, vol. 295, hal.1-19, 2015.
- [14] Sudirwan, J., Fadlilah, S.N. "Aplikasi Hybrid *Firefly* Algorithm Untuk Pemecahan Masalah Traveling Salesman: Studi Kasus Pada PT Anugerah Mandiri Success", *ComTech* Vol. 5 No. 2, 2014.
- [15] Zainal Abidin, A.F., Ansor, M.A. "A Preliminary Study on *Firefly* Algorithm Approach for Travelling Salesman Problem," *Science & Engineering Technology National Conference*, 2013.
- [16] Jati, G.K., Suyanto, S. "Evolutionary discrete *firefly* algorithm for traveling salesman problem". *ICAIS*, 2011.
- [17] X.S. Yang, "*Firefly* Algorithms for Multimodal Optimization. In Proceedings of 5th International Symposium on Stochastic Algorithms, Foundations and Applications," *Lecture Notes in Computer Science*, hal.169-178, Okt, 2009.
- [18] Stevenson, William D. "Analisis Sistem Tenaga Listrik" [penerj.] Ir. Kamal Idris. Edisi Keempat. Jakarta : Erlangga, 1996
- [19] J. Han, M. Kamber, and J. Pei, *Data Mining Concepts and Techniques*, Third Edit. Waltham, USA, 2012.

- [20] T. Wahyuningrum, S. Khomsah, S. Suyanto, S. Meliana, P. E. Yunanto and W. F. Al Maki, "Improving Clustering Method Performance Using K-Means, Mini Batch K-Means, BIRCH and Spectral," 2021 4th International Seminar on Research of Information Technology and Intelligent Systems (ISRITI), Yogyakarta, Indonesia, 2021, hal. 206-210.
- [21] Capor-Hrosik, Romana & Tuba, Eva & DOLICANIN, Edin & Jovanovic, Raka & Tuba, Milan. (2019). Brain Image Segmentation Based on Firefly Algorithm Combined with K-means Clustering. Studies in Informatics and Control. 2019.
- [22] IEC, 60038:2009, "IEC Webstore | rural electrification, LVDC", [online] Sumber: <https://webstore.iec.ch/publication/153>.
- [23] N. Duraisamy and A. Ukil, "Cable ampacity calculation and analysis for power flow optimization," 2016 Asian Conference on Energy, Power and Transportation Electrification (ACEPT), Singapore, 2016, pp. 1-5.
- [24] Electric Cables – Calculation of the current rating – Part 1: Current rating equations (100% load factor) and calculation of losses – Section 1: General. BS IEC 60287-1-1:2006
- [25] C. Zhong, M. Malinen, dan D. Miao, "A fast minimum spanning tree algorithm based on K-means," *Information Sciences*, vol. 295, hal.1-19, 2015.
- [26] Sudirwan, J., Fadlilah, S.N. "Aplikasi Hybrid *Firefly* Algorithm Untuk Pemecahan Masalah Traveling Salesman: Studi Kasus Pada PT Anugerah Mandiri Success", ComTech Vol. 5 No. 2, 2014.
- [27] Zainal Abidin, A.F., Ansor, M.A. "A Preliminary Study on *Firefly* Algorithm Approach for Travelling Salesman Problem," Science & Engineering Technology National Conference, 2013.
- [28] Jati, G.K., Suyanto, S. "Evolutionary discrete *firefly* algorithm for traveling salesman problem". ICAIS, 2011.
- [29] X.S. Yang, "*Firefly* Algorithms for Multimodal Optimization. In Proceedings of 5th International Symposium on Stochastic Algorithms, Foundations and Applications," Lecture Notes in Computer Science, hal.169-

178, Okt, 2009.

- [30] C. El Mokhi and A. Addaim, "Optimal Design of the Cable Layout in Offshore Wind Farms using Firefly Algorithm and Minimum Spanning Tree," 2021 7th International Conference on Optimization and Applications (ICOA), Wolfenbüttel, Germany, 2021, pp. 1-5.
- [31] J. Li, X. Wu, W. Hu, Q. Huang and Z. Chen, "Substation Location and Cable Connection Optimization of Onshore Wind Farms Using Minimum Spanning Tree Algorithm," 2018 IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC), Kota Kinabalu, Malaysia, 2018, pp. 212-216.
- [32] Y. Chen, Z. Dong, K. Meng, F. Luo, W. Yao and J. Qiu, "A novel technique for the optimal design of offshore wind farm electrical layout," in Journal of Modern Power Systems and Clean Energy, vol. 1, no. 3, hal. 254-259, December 2013.
- [33] D. Hendrawati, A. Soeprijanto and M. Ashari, "Optimal power and cost on placement of Wind turbines using Firefly Algorithm," 2015 International Conference on Sustainable Energy Engineering and Application (ICSEEA), Bandung, Indonesia, 2015, hal. 59-64.
- [34] Guojun Shi, Bingkun Gao and Li Zhang, "The optimized K-means algorithms for improving randomly-initialed midpoints," Proceedings of 2013 2nd International Conference on Measurement, Information and Control, Harbin, 2013, pp. 1212-1216.
- [35] M. S. Mahmud, M. M. Rahman and M. N. Akhtar, "Improvement of K-means clustering algorithm with better initial centroids based on weighted average," 2012 7th International Conference on Electrical and Computer Engineering, Dhaka, Bangladesh, 2012, pp. 647-650.
- [36] S. Agarwal, S. Yadav and K. Singh, "Notice of Violation of IEEE Publication Principles: K-means versus k-means ++ clustering technique," 2012 Students Conference on Engineering and Systems, Allahabad, India, 2012, hal. 1-6.