



DAFTAR PUSTAKA

- [1] Presiden Republik Indonesia, “Undang-Undang No 16 Tahun 2016 Tentang Pengesahan Paris Agreement To The United Nations Framework Convention on Climate Change (Persetujuan Paris Atas Konvensi Kerangka Kerja Perserikatan Bangsa-Bangsa Mengenai Perubahan Iklim),” p. 71, 2016.
- [2] Q. Wang, P. Chang, R. Bai, W. Liu, J. Dai, and Y. Tang, “Mitigation strategy for duck curve in high photovoltaic penetration power system using concentrating solar power station,” *Energies*, vol. 12, no. 18, 2019, doi: 10.3390/en12183521.
- [3] P. R. Mara, Sarjiya, L. M. Putranto, and M. Yasirroni, “Determination of Maximum Grid-Connected Photovoltaic Penetration Level Based on Unit Commitment Solution,” *Proc. Int. Conf. Electr. Eng. Informatics*, vol. 2019-July, no. July, pp. 454–459, 2019, doi: 10.1109/ICEEI47359.2019.8988911.
- [4] PT. Perusahaan Listrik Negara, “Rencana usaha penyediaan tenaga listrik,” *Rencana Usaha Penyediaan Tenaga List.*, pp. 2021–2030, 2021.
- [5] D. Pope, “Utilities, forget the Duck Curve, and get ready for the Turducken Curve,” *SAS Voice*, 2020. <https://blogs.sas.com/content/sascom/2020/07/16/utilities-forget-the-duck-curve-and-get-ready-for-the-turducken-curve/> (accessed Nov. 11, 2021).
- [6] H. B. Tambunan *et al.*, “The challenges and opportunities of renewable energy source (RES) penetration in Indonesia: Case study of Java-Bali power system,” *Energies*, vol. 13, no. 22, pp. 1–22, 2020, doi: 10.3390/en13225903.
- [7] H. B. Tambunan, P. A. A. Pramana, B. B. S. D. A. Harsono, A. A. Kusuma, J. Hartono, and B. S. Munir, “Future challenges of grid-connected photovoltaic in java bali power system,” *Proc. - 2019 5th Int. Conf. Sci. Technol. ICST 2019*, pp. 6–9, 2019, doi: 10.1109/ICST47872.2019.9166258.
- [8] A. Hivos, International Institute for Environment and Development (IIED), “PLTS & Biodiesel,” p. 61, 2020, [Online]. Available: <https://energiterbarukan.org/assets/2020/10/BUKU-PLTS-DAN-BIODISEL.pdf>.
- [9] International Electrotechnical Commission, “Grid integration of large-capacity Renewable Energy sources and use of large-capacity Electrical Energy Storage,” *White Pap.*, no. October, p. 102, 2012.
- [10] R. Baldick, “The Generalized Unit Commitment Problem,” *IEEE Trans. Power Syst.*, vol. 10, no. 1, pp. 465–475, 1995, doi: 10.1109/59.373972.
- [11] S. Y. Abujarad, M. W. Mustafa, and J. J. Jamian, “Recent approaches of unit commitment in the presence of intermittent renewable energy resources: A review,” *Renew. Sustain. Energy Rev.*, vol. 70, no. October 2015, pp. 215–223, 2017, doi: 10.1016/j.rser.2016.11.246.
- [12] Allen J. Wood Bruce F. Wollenberg Gerald B. Shebale, *Power Generation, Operational, and Control 3th Edition*. 2013.
- [13] H. Chen, T. N. Cong, W. Yang, C. Tan, Y. Li, and Y. Ding, “Progress in electrical energy storage system: A critical review,” *Prog. Nat. Sci.*, vol. 19, no. 3, pp. 291–312, 2009, doi: 10.1016/j.pnsc.2008.07.014.
- [14] X. Luo, J. Wang, M. Dooner, and J. Clarke, “Overview of current development in electrical energy storage technologies and the application potential in power system operation,” *Appl. Energy*, vol. 137, pp. 511–536, 2015, doi: 10.1016/j.apenergy.2014.09.081.
- [15] P. Prabpal, Y. Kongjeen, and K. Bhumkittipich, “Optimal battery energy storage system based on VAR control strategies using particle swarm optimization for power distribution system,” *Symmetry (Basel)*., vol. 13, no. 9, 2021, doi: 10.3390/sym13091692.
- [16] B. K. Gardiner, “Electric Energy Storage: Applications and Effects on a Medium Voltage Grid,” p. 103, 2016.



- [17] G. W. Chang, Y. D. Tsai, C. Y. Lai, and J. S. Chung, “A practical mixed integer linear programming based approach for unit commitment,” *2004 IEEE Power Eng. Soc. Gen. Meet.*, vol. 1, pp. 221–225, 2004, doi: 10.1109/pes.2004.1372789.
- [18] I. Papayiannis, M. Asprou, L. Tziovani, and E. Kyriakides, “Enhancement of power system flexibility and operating cost reduction using a BESS,” *IEEE PES Innov. Smart Grid Technol. Conf. Eur.*, vol. 2020-Octob, no. 774407, pp. 784–788, 2020, doi: 10.1109/ISGT-Europe47291.2020.9248809.
- [19] Kementerian 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>.
- [20] Imron, L. M. Putranto, Sarjiya, and M. Yasirroni, “Impact of Sizing and Placement on Energy Storage System in Generation Scheduling Considering Transmission Losses,” *2019 Int. Conf. Technol. Policies Electr. Power Energy, TPEPE 2019*, pp. 0–5, 2019, doi: 10.1109/IEEECONF48524.2019.9102627.
- [21] P. Kushwaha, V. Prakash, R. Bhakar, U. R. Yaragatti, A. Jain, and Y. Sumanth, “Assessment of Energy Storage Potential for Primary Frequency Response Adequacy in Future Grids,” *India Int. Conf. Power Electron. IICPE*, vol. 2018-Decem, pp. 1–6, 2018, doi: 10.1109/IICPE.2018.8709335.
- [22] F. Melwa, R. Aditya, and U. G. Mada, “PV Operation on the Low Demand Condition in the Java – Bali System,” *2019 11th Int. Conf. Inf. Technol. Electr. Eng.*, vol. 7, pp. 1–6, 2017.
- [23] Frederic Lambert, “Megapack to debut at giant energy storage,” 2019. <https://electrek.co/2018/12/15/tesla-megapack-debut-giant-energy-storage/> (accessed Jun. 13, 2022).
- [24] E. H. Weinwurm, *Management science*, vol. 83, no. 3. 1961.