

## REFERENSI

- [1] PT. Perusahaan Listrik Negara (Persero), 2019. *Rencana Usaha Penyediaan Tenaga Listrik 2019-2028*. Jakarta: Kementrian Energi dan Sumber Daya Mineral.
- [2] Kementerian Energi dan Sumber Daya Mineral, 2019. *Bahan Kementrian ESDM Capaian Kinerja 2019 Dan Program 2020*.
- [3] PT. PLN (Persero), 2019. *Pengembangan Kelistrikan NTT Untuk Penyediaan Akses Energi Listrik Yang Berkelanjutan*.
- [4] OA, O., 2018. Climate Change and its Effect on the Global Economy and Security: A Call for more Robust Climate Finance, Prevention of Climate Finance Against Corrupt Spending and Review of Articles 9 (1), (3) & (4) of the Paris Agreement and 12 (8) of Kyoto Protocol to the United Nations Framework Convention on Climate Change. *Environment Pollution and Climate Change*, 02(03).
- [5] Kementerian Energi dan Sumber Daya Mineral, 2019. *Rencana Umum Ketenagalistrikan Nasional 2019-2038*. Jakarta: Kementerian Energi dan Sumber Daya Mineral.
- [6] Kementerian Energi dan Sumber Daya Mineral, 2016. *Statistik EBTKE 2016*. Jakarta: Direktorat Jenderal Energi Baru, Terbarukan dan Konversi Energi.
- [7] Fawcett, M., 2017. Energy and Land Use. In: U. Fritsche, ed., *Global Land Outlook*. United Arab Emirates: International Renewable Energy Agency.
- [8] Tumiwa, F., Pujantoro, M., Godron, P. and Energiewende, A., 2019. *A Roadmap For Indonesia'S Power Sector : How Renewable Energy Can Power Java-Bali And Sumatra*. Jakarta: Institute for Essential Services Reform (IESR).
- [9] PT. PLN (Persero)., 2018. *Statistik PLN 2018*. Jakarta: Sekretariat Perusahaan PT.PLN (Persero).
- [10] Prasodjo, E., Nurzaman, H., Rosdiana, D., Ismutadi, P., Malik, C., Santosa, J., Nurrohim, A., Widiastuti, K., Pambudi, S., Wibowo, J. and Sauqi, A., 2016. *Outlook Energi Indonesia 2016*. Jakarta: Sekretariat Jenderal Dewan Energi Nasional.
- [11] Kementerian Hukum dan HAM, 2017. *Rencana Umum Energi Nasional 2017*. Jakarta: Sekretariat Kabinet Republik Indonesia Deputi Bidang Kemaritiman.





- [12] Kementerian Energi dan Sumber Daya Mineral, 2019. *Keputusan Menteri Energi Dan Sumber Daya Mineral Republik Indonesia Nomor 55 Tahun 2019 Tentang Biaya Pokok Penyediaan Pembangkitan PT. PLN (Persero)*. Jakarta: Biro Hukum Kementerian Energi dan Sumber Daya Mineral.
- [13] Palombelli, A., Gardumi, F., Rocco, M., Howells, M. and Colombo, E., 2020. Development of functionalities for improved storage modelling in OSeMOSYS. *Energy*, 195, p.117025.
- [14] Gardumi, F., Welsch, M., Howells, M. and Colombo, E., 2019. Representation of Balancing Options for Variable Renewables in Long-Term Energy System Models: An Application to OSeMOSYS. *Energies*, 12(12), p.2366.
- [15] de Moura, G., Legey, L. and Howells, M., 2018. A Brazilian perspective of power systems integration using OSeMOSYS SAMBA – South America Model Base – and the bargaining power of neighbouring countries: A cooperative games approach. *Energy Policy*, 115, pp.470-485.
- [16] T. Hartmann, H. K. Schmöller, G. Hinüber, and H.-J. Haubrich, “Midterm Generation Planning in Competitive Markets for Electrical Energy and Reserve using a Linear Programming Algorithm,” *2005 IEEE Russ. Power Tech*, 2005.
- [17] Turgeon, A., 1987. An application of parametric mixed-integer linear programming to hydropower development. *Water Resources Research*, 23(3), pp.399-407.
- [18] Graver, J., 1975. On the foundations of linear and integer linear programming I. *Mathematical Programming*, 9(1), pp.207-226.
- [19] McGarrigle, E. and Leahy, P., 2015. Cost Savings from Relaxation of Operational Constraints on a Power System with High Wind Penetration. *IEEE Transactions on Sustainable Energy*, 6(3), pp.881-888.
- [20] *International Journal of Engineering and Advanced Technology*, 2019. Wind Power Plant Modelling in Wasp-Iv Through Ssa. 9(1), pp.7551-7554.
- [21] Fulzele, J. and Dutt, S., 2011. Optimum Planning of Hybrid Renewable Energy System Using HOMER. *International Journal of Electrical and Computer Engineering (IJECE)*, 2(1).





UNIVERSITAS  
GADJAH MADA

Desain Masterplan Sistem Interkoneksi Jawa-Bali-Nusa Tenggara Barat-Nusa Tenggara Timur  
Mempertimbangkan Pembangkit EBT : Desain Masterplan Sistem Pembangkitan Nusa Tenggara  
Barat dan  
Interkoneksi Jawa-Bali-Nusa Tenggara Barat-Nusa Tenggara Timur Mempertimbangkan Pembangkit  
EBT

- [22] Dewan Energi Nasional, 2017. *Technology data for Indonesian Power Sector*. Jakarta: Sekretaris Jenderal Dewan Energi Nasional, 2017, p. 17.

- [23] *World Energy Outlook 2018*. International Energy Agency, 2018, p. 605.
- [24] Kementerian Energi dan Sumber Daya Mineral, 2016. *Data Inventory Emisi GRK Sektor Energi*. Jakarta: Kementerian Energi dan Sumber Daya Mineral, 2016.
- [25] Intergovernmental Panel on Climate Change, Climate Change, 2007. *Mitigation. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge and New York: Cambridge University Press, 2007.