

DAFTAR PUSTAKA

- [1] PT PLN (Persero), “Rencana usaha penyediaan tenaga listrik (ruptl) 2021-2030,” 2021, diakses: 8 Juli 2024. [Online]. Available: <https://web.pln.co.id/statics/uploads/2021/10/RUPTL-PLN-2021-2030.pdf>
- [2] S. J. Chapman, *Electric Machinery Fundamentals*, 4th ed. New York, NY: McGraw-Hill, 2005.
- [3] P. Kundur, *Power System Stability and Control*, illustrated ed., ser. EPRI power system engineering series: Electrical engineering, N. J. Balu and M. G. Lauby, Eds. McGraw-Hill Education, 1994.
- [4] B. Baadji, H. Bentarzi, and A. Bouaoud, “Smib power system model with pss for transient stability studies,” in *2017 5th International Conference on Electrical Engineering - Boumerdes (ICEE-B)*, 2017, pp. 1–5.
- [5] S. Kalyani, M. Prakash, and G. A. Ezhilarasi, “Transient stability studies in smib system with detailed machine models,” in *2011 INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN ELECTRICAL, ELECTRONICS AND CONTROL ENGINEERING*, 2011, pp. 459–464.
- [6] J. Agber, P. Odaba, and C. Onah, “Effect of power system parameters on transient stability studies,” *American Journal of Engineering Research*, vol. 4, pp. 87–94, 01 2015.
- [7] S. Fetissi, D. Labed, and I. Labed, “The transient stability study of a synchronous generator based on the rotor angle stability,” *International Journal of Electrical and Computer Engineering (IJECE)*, vol. 5, p. 1319, 12 2015.
- [8] E. Tavukcu and B. E. Türkay, “Transient stability analysis of the transmission system considering the initial steady state results,” in *2017 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE)*, 2017, pp. 758–763.
- [9] K. Bhuriya and P. R. Gandhi, “Feedback linearization based non-linear avr for small signal stability enhancement,” in *2018 International Conference on Power Energy, Environment and Intelligent Control (PEEIC)*, 2018, pp. 522–527.
- [10] A. B. Putranto, A. U. Krismanto, and A. Lomi, “Analisa pengaruh integrasi pembangkit listrik tenaga bayu terhadap small signal stability di sistem kelistrikan sulselbar,” *Magnetika*, vol. 7, no. 2, pp. 27–34, 2023.
- [11] N. N. Shah and S. R. Joshi, “Small signal stability analysis of dfig based wind farms connected to smib,” in *2017 International Conference on Smart grids, Power and Advanced Control Engineering (ICSPACE)*, 2017, pp. 247–252.
- [12] B. Rout, B. Pati, and A. Pattnaik, “Small signal stability enhancement of power system with ga optimized pd type pss and avr control,” in *2018 Recent Advances on Engineering, Technology and Computational Sciences (RAETCS)*, 2018, pp. 1–6.



- [13] A. Firdaus and A. Anwar, "Effect of exciter gain on small signal stability of power system," in *2014 6th IEEE Power India International Conference (PIICON)*, 2014, pp. 1–5.
- [14] N. Hatziargyriou, J. Milanovic, C. Rahmann, V. Ajjarapu, C. Canizares, I. Erlich, D. Hill, I. Hiskens, I. Kamwa, B. Pal, P. Pourbeik, J. Sanchez-Gasca, A. Stankovic, T. Van Cutsem, V. Vittal, and C. Vournas, "Definition and classification of power system stability – revisited extended," *IEEE Transactions on Power Systems*, vol. 36, no. 4, pp. 3271–3281, 2021.
- [15] P. Sauer and A. Pai, "Power system dynamics and stability / peter w. sauer and m. a. pai," *SERBIULA (sistema Librum 2.0)*, 01 2008.
- [16] J. H. Chow and J. J. Sanchez-Gasca, *Power System Modeling, Computation, and Control*. IEEE Press: John Wiley & Sons, 2020.
- [17] B. Pal and B. Chaudhuri, *Robust Control in Power Systems*. Springer, 2005.
- [18] G. J. W. Dudgeon, W. E. Leithead, A. Dysko, J. O'Reilly, and J. R. McDonald, "The effective role of avr and pss in power systems: Frequency response analysis," *IEEE Transactions on Power Systems*, vol. 22, no. 4, pp. 1986–1994, 2007.