

REFERENCES

- [1] P. Kundur, "Definition and classification of power system stability," *IEEE Transactions on Power Systems*, vol. 19, pp. 1387–1401, 2004.
- [2] N. Hatziargyriou *et al.*, "Definition and classification of power system stability – revisited & extended," *IEEE Transactions on Power Systems*, vol. 36, no. 4, pp. 3271–3281, July 2021.
- [3] P. S. Kundur and O. P. Malik, "Power system stability and control," 2002.
- [4] L. Fernández and J. 24. (2023) Global wind energy share in electricity mix 2022. [Online]. Available: <https://www.statista.com/statistics/1302053/global-wind-energy-share-electricity-mix/>
- [5] R. Moxley, "Wind energy and protection," 2016.
- [6] IRENA. (n.d.) Solar energy. [Online]. Available: <https://www.irena.org/Energy-Transition/Technology/Solar-energy>
- [7] Y. C. Y. L. J. Z. Qi JIA, Gangui YAN, "mall-signal stability analysis of photo-voltaic generation connected to weak ac grid," *Journal of Modern Power Systems and Clean Energy*, vol. 7, p. 254–267, 2018.
- [8] I. subsynchronous working group, "Readers guide to subsynchronous resonance," *IEEE Trans. Power Syst.*, vol. 7, pp. 150–157, 1992.
- [9] D. P. S. Gupta, K. R. Padiyar, and M. A. Pai, *Small Signal Analysis of Power systems*. Alpha Science International, 2004.
- [10] H. Polinder, W. L. Kling, and J. G. Slootweg, "Dynamic modelling of a wind turbine with doubly fed induction generator," in *Proc. IEEE PowerEng. Soc. Summer Meeting*, 2001, pp. 15–19.
- [11] S. Singh, "Study and control of direct driven type-4 grid connected wind energy conversion system," in *2019 5th International Conference on Signal Processing, Computing and Control (ISPCC)*, 2019, pp. 298–305.
- [12] R. Kavasseri, Z. L. Miao, C. Zhu, and L. Fan, "Modelling of dfig-based wind farms for ssr analysis," *IEEE Trans. Power Del.*, vol. 25, p. 2073.
- [13] C. Karawita and U. D. Annakkage, "Multi-infeed hvdc interaction studies using small signal stability assessment," *IEEE Transactions on Power Delivery*, vol. 24, pp. 910–918, 2009.

- [14] S. Jiang, U. D. Annakkage, and A. M. Gole, "A platform for validation of facts models," *IEEE Transactions on Power Delivery*, vol. 21, pp. 484–491, 2006.