

## References

- [1] Ruichao Xie and D. Trudnowski, “Distinguishing features of natural and forced oscillations,” in *2015 IEEE Power & Energy Society General Meeting*. Denver, CO, USA: IEEE, Jul. 2015, pp. 1–5. [Online]. Available: <http://ieeexplore.ieee.org/document/7285781/>
- [2] B. Shao, Q. Xiao, L. Wang, P. Han, Z. Bin, C. Wang, F. Blaabjerg, and Z. Chen, “Review on power system generalized modal resonance analysis,” *International Journal of Electrical Power & Energy Systems*, vol. 154, p. 109417, Dec. 2023. [Online]. Available: <https://linkinghub.elsevier.com/retrieve/pii/S014206152300474X>
- [3] N. Rostamkolai, R. Piwko, and A. Matusik, “Evaluation of the impact of a large cyclic load on the LILCO power system using time simulation and frequency domain techniques,” *IEEE Trans. Power Syst.*, vol. 9, no. 3, pp. 1411–1416, Aug. 1994. [Online]. Available: <http://ieeexplore.ieee.org/document/336123/>
- [4] Y. Chen, Z. Fan, D. Gregory, X. Zhou, and R. Rabbani, “A Survey of Oscillation Localization Techniques in Power Systems,” *IEEE Access*, vol. 13, pp. 28 836–28 860, 2025. [Online]. Available: <https://ieeexplore.ieee.org/document/10879004/>
- [5] L. Zhu, W. Yu, Z. Jiang, C. Zhang, Y. Zhao, J. Dong, W. Wang, Y. Liu, E. Farantatos, D. Ramasubramanian, A. Arana, and R. Quint, “A Comprehensive Method to Mitigate Forced Oscillations in Large Interconnected Power Grids,” *IEEE Access*, vol. 9, pp. 22 503–22 515, 2021. [Online]. Available: <https://ieeexplore.ieee.org/document/9343876/>
- [6] M. Ghorbaniparvar, “Survey on forced oscillations in power system,” *J. Mod. Power Syst. Clean Energy*, vol. 5, no. 5, pp. 671–682, Sep. 2017. [Online]. Available: <http://link.springer.com/10.1007/s40565-017-0273-4>
- [7] L. G. Meegahapola, S. Bu, D. P. Wadduwage, C. Y. Chung, and X. Yu, “Review on Oscillatory Stability in Power Grids With Renewable Energy Sources: Monitoring, Analysis, and Control Using Synchrophasor Technology,” *IEEE Trans. Ind. Electron.*, vol. 68, no. 1, pp. 519–531, Jan. 2021. [Online]. Available: <https://ieeexplore.ieee.org/document/8961919/>
- [8] “Incidente en el Sistema Eléctrico Peninsular Español el 28 de abril de 2025,” Red Eléctrica, Spain, Tech. Rep., Jun. 2025.
- [9] “Diagnosing Equipment Health and Mis-operations with PMU Data,” North American SynchroPhasor Initiative (NASPI), Tech. Rep., May 2015. [Online]. Available: [https://www.naspi.org/sites/default/files/reference\\_documents/14.pdf?fileID=1530](https://www.naspi.org/sites/default/files/reference_documents/14.pdf?fileID=1530)

- [10] “Reliability Guideline Forced Oscillation Monitoring & Mitigation,” North American Electric Reliability Coordination (NERC), 2017. [Online]. Available: [https://www.nerc.com/comm/RSTC\\_Reliability\\_Guidelines/Reliability\\_Guideline\\_-\\_Forced\\_Oscillations\\_-\\_2017-07-31\\_-\\_FINAL.pdf](https://www.nerc.com/comm/RSTC_Reliability_Guidelines/Reliability_Guideline_-_Forced_Oscillations_-_2017-07-31_-_FINAL.pdf)
- [11] “Interconnection Oscillation Analysis Reliability Assessment,” Electric Reliability Council of Texas, 2019. [Online]. Available: [http://ercot.com/files/docs/2019/10/02/Interconnection\\_Oscillation\\_Analysis\\_NERC.pdf](http://ercot.com/files/docs/2019/10/02/Interconnection_Oscillation_Analysis_NERC.pdf)
- [12] “Eastern Interconnection Oscillation Disturbance January 11, 2019 Forced Oscillation Event,” North American Electric Reliability Coordination (NERC), 2019. [Online]. Available: [https://www.nerc.com/pa/rrm/ea/Documents/January11\\_Oscillation\\_Event\\_Report.pdf](https://www.nerc.com/pa/rrm/ea/Documents/January11_Oscillation_Event_Report.pdf)
- [13] (2025, Jan.) Precio tope de los precios marginales locales (PML) del mercado de energía de corto plazo. CENACE. [Online]. Available: