



UNIVERSITAS
GADJAH MADA

PERANCANGAN DAN PENGUJIAN SISTEM PROTEKSI DENGAN METODE ISOLASI GANGGUAN
PADA SISTEM MULTI-TERMINAL
VSC-HVDC

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REFERENCES

- [1] D. Jovcic, *High Voltage Direct Current Transmission converters, system and DC Grids, second edition*, vol. 1. 2019.
- [2] M. J. Perez-Molina, D. M. Larruskain, P. Eguia Lopez, G. Buigues, and V. Valverde, “Review of protection systems for multi-terminal high voltage direct current grids,” *Renew. Sustain. Energy Rev.*, vol. 144, p. 111037, 2021, doi: 10.1016/j.rser.2021.111037.
- [3] J. Arita Torres, R. C. dos Santos, Q. Yang, and J. Li, “Analyses of different approaches for detecting, classifying and locating faults in a three-terminal VSC-HVDC system,” *Int. J. Electr. Power Energy Syst.*, vol. 135, no. August 2021, p. 107514, 2022, doi: 10.1016/j.ijepes.2021.107514.
- [4] K. Xu, Z. Zhang, Q. Lai, J. Han, X. Yin, and W. Liu, “Study on fault characteristics and distance protection applicability of VSC-HVDC connected offshore wind power plants,” *Int. J. Electr. Power Energy Syst.*, vol. 133, no. June, p. 107252, 2021, doi: 10.1016/j.ijepes.2021.107252.
- [5] B. B. Jwg, *PROTECTION AND LOCAL CONTROL OF HVDC-GRIDS*, no. August. 2018.
- [6] A. Imani, Z. Moravej, and M. Pazoki, “A novel time-domain method for fault detection and classification in VSC-HVDC transmission lines,” *Int. J. Electr. Power Energy Syst.*, vol. 140, no. December 2021, p. 108056, 2022, doi: 10.1016/j.ijepes.2022.108056.
- [7] R. Wachal, M. Ba, P. Le-huy, and A. Mo, *HVDC Converters in a HVDC Grid*, no. December. 2014.