

Industrial Control System Power System Cyber Attacks Detection Research

November 2022

1 Related works

The power system datasets have been used for multiple works related to power system cyber-attack classification.

1. Pan, S., Morris, T., Adhikari, U., Developing a Hybrid Intrusion Detection System Using Data Mining for Power Systems, IEEE Transactions on Smart Grid. doi: 10.1109/TSG.2015.2409775.
2. Pan, S., Morris, T., Adhikari, U., Classification of Disturbances and Cyber-attacks in Power Systems Using Heterogeneous Time-synchronized Data, IEEE Transactions on Industrial Informatics. doi: 10.1109/TII.2015.2420951.
3. Pan, S., Morris, T., Adhikari, U., A Specification-based Intrusion Detection Framework for Cyber-physical Environment in Electric Power System, International Journal of Network Security (IJNS), Vol.17, No.2, PP.174-188, March 2015.
4. Beaver, J., Borges, R., Buckner, M., Morris, T., Adhikari, U., Pan, S., Machine Learning for Power System Disturbance and Cyber-attack Discrimination, Proceedings of the 7th International Symposium on Resilient Control Systems, August 19-21, 2014, Denver, CO, USA.