Review of: "Chronological simulation and Quantitative Evaluation of System Reliability in a Complex Restructured Power System"

Richard Brandão Nogueira Vital[1]

1 Universidade Federal do Rio de Janeiro

1) There are several punctuations problems. Examples:

"The matrix [P] represents the probability of failure rates for the evaluated components. The Expected Energy Not Supplied (EENS) can be calculated based on these probability of failure rates.."

"Pi represents the probability of failure rate of i th Component in the reliability test system"

"The availability index can be calculated with the variations of outage rate in the load pattern"

2) the effects of uncertainty propagation are not discussed in depth3) References don't use the same standard. Examples:[5] N.Mahiban Lindsay, A.K.Parvathy, "Power structure reliability assessment in a complex restructured power structure", International Journal of Electrical and Computer Engineering, Vol. 9, No.4, August 2019, pp.2296- 2302 [8] W. Qin, P. Wang, X. Han and X. Du, "Reactive Power Aspects in Reliability Assessment of Power Systems," in IEEE Transactions on Power Systems, vol. 26, no. 1, pp. 85-92, Feb. 2011, doi: 10.1109/TPWRS.2010.2050788.