Qeios

Peer Review

Review of: "On Process Awareness in Detecting Multi-stage Cyberattacks in Smart Grids"

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1. Independent researcher

The manuscript has been investigated in detail. The topic addressed in the manuscript is potentially interesting, and the manuscript contains some practical meanings; however, there are some issues that should be addressed by the authors:

1. Research gaps and objectives of the proposed work should be clearly justified. The literature review lacks recent research and does not adequately justify the research gaps and objectives of the proposed work. The following studies can be given as examples:

Mitigation of attack detection via multi-stage cyber intelligence technique in smart grid

Multi-Stage Learning Framework Using Convolutional Neural Network and Decision Tree-Based Classification for Detection of DDoS Pandemic Attacks in SDN-Based SCADA Systems

Detection of Malicious Command Injection Attacks Against Static Var Compensators in Smart Grids

2. Authors should argue their choice of the performance evaluation indicators.

3. Have the authors experimented with other sets of values? What are the sensitivities of these parameters on the results?

4. Explain the feasibility of the results from the implementation and computational point of view.

Declarations

Potential competing interests: No potential competing interests to declare.