



Paper ID-55

Paper Title-Novel Optimal Configuration Approach for off-grid microgrid with Hybrid Energy Storage Using Mantis Search Algorithm

I am currently pursuing a Ph.D. in Electrical Power Systems with a focus on Renewable Energy Systems and Distribution at Cardiff University in the United Kingdom, building upon a master's degree from the same institution. Additionally, I serve as a Lecturer at Najran University in Saudi Arabia, where I deliver undergraduate courses, conduct research, and mentor students. Proficient in various programming languages and equipped with strong communication and leadership skills, I am dedicated to advancing knowledge and fostering learning in the field of electrical power systems and renewable energy.