Project Title: Comparison of heuristic optimization methods with application to electric power systems

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Designation of Proponent: __________

Department and College of Proponent: Electrical and Electronics Engineering Institute; College of Engineering

Project Abstract:

The operation, planning and economics of electric power systems usually involve problems requiring mathematical optimization, and a significant percentage of published works utilize heuristic optimization methods.

The proposed research work would investigate and compare different heuristic optimization methods based on swarm intelligence and evolutionary programming.

The conclusions of the study are useful to future research works in the Electric Power Research Laboratory that would employ heuristic methods for mathematical optimization.

Funding Support in Philippine Pesos: 582,000.00

Duration and Status: 20 months

Contact Information of Project Proponent: __________