Abstract

This paper presents Hybrid Whale Optimization for the purpose of solving Generalized Economic Load Dispatch Problem (ELDP). Hybrid Metaheuristics are one of the most modern and interesting methods in optimization algorithms. In this algorithm, after each iteration of whale optimization algorithm, in order to reach to the best solution, particle swarm optimization algorithm is utilized. The comparison shows superiority of recently developed algorithm to the already applied algorithms for the problems pertaining to economic load dispatch.

References


Index Terms
Keywords

Economic load dispatch (ELD), Valve-point loading, Meta-heuristics optimization algorithms, transmission loss.