



A Survey on Economic Load Dispatch optimization Problem

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Abstract — The economic load dispatch plays an important role in the operation of power system, and several models by using different techniques have been used to solve these problems. Several traditional approaches, like lambda-iteration and gradient method are utilized to find out the optimal solution of non-linear problem. More recently, the soft computing techniques have received more attention and were used in a number of successful and practical applications. This paper presents a review of some methods for solving the economic load dispatch problem.

Keywords — Economic load dispatch, Optimization, GA, PSO, ABC.

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