

Abstract Details

Title: Load Frequency Control in Power System Operation after Deregulation

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Abstract: This paper deals with load frequency control of interconnected power system before and after the deregulation. In this particular work two area concepts is considered. The primary purpose of the LFC (load frequency control) is to balance the total system generation against system load and losses so that the desired frequency. Any mismatch between generation and demand causes the system frequency to deviate from schedule value. Thus frequency deviation may lead to system collapse. Further, in a restructured power system, the engineering aspects of planning and operation have to be reformulated although essential ideas remain the same.

Keywords: Automatic Generation Control, load frequency Control, Disco Participation Factor.