عنوان مقاله:

A new method for block sizing in the multi-stage UFLS process in order to improve the adaptability

محل انتشار:

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خلاصه مقاله:

In the proposed paper, different methods of sizing the steps in the Under Frequency Load Shedding (UFLS) process are discussed. First, it is proved that by determining the optimal, appropriate location for UFLS, the adaptability of multi-step scheme with event scenarios can be increased. Then the different methods of step sizing are examined. Three different methods are compared: equal steps, larger first step and descending steps. The results show that in the descending steps method, the problem is more adapted with event scenarios in terms of the average frequency deviations and the frequency recovery speed.

کلمات کلیدی:

Under Frequency Load Shedding, Frequency recovery, multi-stage UFLS, static load shedding