

Algorithmic features of a centralized system for automatically maintaining active power reserves.

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The key features of the main calculation algorithm are presented. The algorithm is implemented in the control computing complex of the active power reserves automatic centralized control system. The algorithm automatically maintains the required secondary active power reserve value. The algorithm analyzes the size of the tertiary active power reserve and generates proposals aimed at maintaining it.

Key words: secondary active power reserve, tertiary active power reserve, centralized control system.