

Determination of probabilistic descriptions and stochastic processes of changes loads

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The correct initial data are very important for model adequacy, especially for load curves. For determination of the conditions stochastic process of changes loads determined probabilistic evaluations and produced statistical analysis. Basic properties of stochastic function are mathematical expectation, dispersion, correlation function, probability density. Loads of most current-using equipment are changing with time, it is impossible analytically to represent, therefore loads represent graphically in a rectangular system of co-ordinates. Diversity of loads is feature of stationary power engineering. Different technological processes, determined by technology execution of work also are it. Therefore, load curve of stationary factory is group and non-repetitive.