

Methodological approaches to long-term forecasting of electric energy and power consumption at the present stage of development of a Unified power system.

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The article discusses the methodological principles of developing of the forecast of electricity consumption and capacity for the long-term period for the purpose of forming a General Scheme of electric power facilities. The review of the known methods of consumption forecasting in relation to the current conditions of planning the development of the Russian electric power industry is carried out. A new method to consumption forecasting is proposed and tested based on the use of indicators of forecasts of socio-economic development and statistically justified dependencies of electrical capacities of the main types of economic activity on accumulated investments.

Key words: consumption forecast, electrical energy consumption, electrical intensity.