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ANALYSIS OF THE BASIC PRINCIPLES OF ENERGY SAVING REGIMES IN ASYNCHRONOUS ELECTRIC POWERS

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ABSTRACT

The role of science and technology in achieving energy efficiency in all areas of production is invaluable. That is, the use of energy-saving technologies and processes in production must be the result of scientific research. In particular, the efficient use of electricity, first of all, the use of energy-saving motors in electric drives, load adjustment, adjustment of active and reactive power consumption depending on the load level, reducing power loss, optimal management and finding solutions to dozens of other pressing issues research and design activities.

KEYWORDS: *Efficiency, Current, Electricity, Electric Drive, Voltage, Power Coefficient.*

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