

CREATION OF FEASIBILITY STUDIES TO REDUCE ENERGY COSTS IN GINNERIES.

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Abstract: Cotton gins also consume a lot of energy. One of the main tasks of our time is to save energy, use it more efficiently and reduce consumption.

Keywords: energy saving, ginning plant, optimization.

СОЗДАНИЕ ТЕХНИКО-ЭКОНОМИЧЕСКИХ ОБОСНОВАНИЙ ДЛЯ СНИЖЕНИЯ ЗАТРАТ НА ЭЛЕКТРОЭНЕРГИЮ НА ХЛОПКООЧИСТИТЕЛЬНЫХ ЗАВОДАХ.

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Аннотация: хлопкоочистительные машины также потребляют много энергии. Одна из главных задач современности - экономия энергии, эффективное ее использование и снижение потребления.

Ключевые слова: энергосбережение, хлопкоочистительный завод, оптимизация.

The basis of the country's economy in the period of deepening market reforms is the effective state in all areas. The development of all sectors of the economy requires a huge amount of energy resources. The potential of electricity generation in our country is limited. This means that each unit of electricity, which is one of the most necessary material resources, must be used sparingly. This requires the development of rules, principles and methods for determining the total amount of electricity required in industrial enterprises and a comprehensive analysis of its consumption.

The purpose of the scientific-practical research is to create a feasibility study to reduce energy consumption on the basis of assessment and analysis of the condition of the machines and equipment currently used in ginneries. Development and implementation of additional devices to reduce electricity consumption.

The challenge now is to save material resources in enterprises. The following tasks need to be solved to solve this problem: Hozirgi vaqtdagi energiya resurslaridan foydalanish xolatini baxolash.

1. Determining the demand for electricity in ginneries.
2. Development of directions to optimize electricity consumption.
3. To study the conditions that cause energy consumption and identify ways to prevent them.
4. Create a device that allows you to reduce energy consumption.
5. Creation of a feasibility mechanism for efficient use of electricity.

The solution to the problem is unique. To date, scientific research has not paid enough attention to this issue and has not found a solution. As a result, the capacity of electricity has increased. Today, the creation of a device that allows to reduce energy consumption has a huge socio-economic impact. Saving electricity will allow launching modern enterprises and organizations in the country and taking full advantage of the existing economic potential.

In the context of deepening economic reforms, the production of competitive products in industrial enterprises is an important issue. Competitive products should be superior to other products both in terms of quality and price. In order to reduce the cost of production, it is necessary to reduce the cost of production.

Machine energy used in ginning and textile enterprises for the use of equipment has a significant share in the cost of production, and their economical use is one of the important factors in reducing the cost of production.

A huge amount of electricity is used to move all the process equipment, tools and devices in the ginning plants, to light, to grind the seeds, cotton raw materials

and fiber, to dry and clean, to move the fans and heaters. It is now an objective necessity to study the state of consumption of electricity, to assess it, to determine the level of consumption, to find ways to reduce it, to create a feasibility study for efficient use. The sooner this problem is solved, the better the results.

There are certain possibilities to solve this problem.

The ginneries have branches of the institute's departments, where scientific research can be carried out. The ginneries have some laboratory equipment.

During the project, a device will be created to monitor and evaluate electricity consumption. A feasibility mechanism to reduce energy consumption will be created. Principles and methods of energy management will be developed for the conditions of deepening of the current economic reforms. There is an opportunity to sell the developed developments, equipment, energy management mechanism in the country and abroad. These developments can be applied to all other sectors of the economy.

As a result, enterprises will develop and implement efforts to reduce electricity consumption, feasibility studies and equipment.

It will be introduced in the enterprises of Namangan region's Pakhtasanoat joint-stock company.

The application of the results of scientific research in production provides a basis for the economical use of energy resources in enterprises and improves the technical and economic condition of the enterprise. At the same time, it lays the foundation for further development of the country's economy.

His scientific activity has been carried out for several years. They are working on the use of economic resources in industrial enterprises, the effective use of economic potential. They have published several manuals, monographs, articles, and introduced them in the textile and light industry. Receipt received.

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