ABSTRACTS

Energy saving

## УДК 621.311.1:656.71(477)(045)

V. P. Rozen, N. P. Sokolova, O. E. Prokopenko. Methodical questions of power safety of ukrainian airports.

Considered analysis of methodical aspects power safety of airports. Actuality of active introduction of energykeeping activity is rotined. Control system by an energy-savings is offered in airports, that allows to estimate efficiency of work on the cost cutting fuel – power resources (FPR) with the purpose of exposure of diminishing reasons the uses of FPR, which are the mortgage of effective work of power safety for airports.

## УДК 658.562

Offered to recommendation on the improvement of the operating safety normative providing of the pipeline systems of the power plants. On the basis of the conducted researches an algorithm is offered on determination of resource of the pipeline systems taking into account different technical parameters.

## УДК 697.942.2

The results of experimental studies of the kinetics of wet scrubber with a vortex plate. Rational technical parameters of the density of irrigation and the purified gas. The efficiency of the vortex plates for dust removal.

#### УДК 621.926.5

**A. N. Ivanov.** Energesaving in transit viscous solutions surface - active substances to the tube Mills.

Developed the power saving up scheme for the transportation of an viscous solutions of surface-active substances to the tube cement mills, pnevmoinjector for feeding of surface-active substances on the specified sections of tube mill. The method is proposed and the values of the transport characteristics of viscous non-newtonian fluids are defined.

#### УДК: 656.256.3

For all financial industries of the Ukrainian economy a vital task to date is an energysavings. The proper measures take place and in a transport industry, in particular on railways and on the separate elements of infrastructure.

#### УДК: 656.2

At the analysis of the statistical data on railway freight traffic the indicators which are in a close connection with working costs in which the essential part is occupied with expenses for power resources are defined.

#### Power engineering

#### УДК 620.9

Are presented conceptual positions and structure of the organizational-economic mechanism of human resource management of the electropower enterprises which allows to raise quality of administrative decisions by carrying out of diagnostics of a condition of the personnel, studying of methods of motivation of human resources at the enterprises, definition of necessary actions for increase of productivity of work of the personnel and to their substantiation on the basis of use of economic-mathematical and expert methods.

Alternative energy sources

## УДК 621.181.7

In the article application of method of the impulsive stamping is described at treatment of metals pressure in a melkoseriynom production.

## Scientific and technical progress and efficiency of production

# УДК 662.741:662.613.4

**A.L. Fidchunov.** To question about formation of oxides of nitrogen at production of coke......50 Basic directions of formation of oxides of nitrogen are exposed at the production of coke. It is rotined that search of ways it is necessary to conduct the decline of their education with such selection of parameters cokings which assist stabilizing of quality of producible coke and decline of power expenses.

Keywords: coke, oxides of nitrogen, heating of stove, heating system



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