

METROLOGICAL BASE INNOVACIONE TECHNOLOGY IN ENERGY OF THE UKRAINE

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In connection with prospect of the development of energy of the Ukraine [1] modern technical decisions in headenergy divide into decisions: little- and fair expense modernization and reconstructions exploited energy-block; the conclusion 4 GW "old" energy-block; the building 5 GVT "new"; the build 3-go and 4-go block Hmelinickoy AES; the extension of the periods to usages existing energy-block; the termination construction Dnestrovskoy, Tashlykskoy and Kanevskoy GAES; using the program "Energoberezhenie", use innovation energy technology.

The realization of the afore-mentioned technical decisions is realized on base designed project object headenergy. The last are characterized by necessary complex accompanying technical document, modern requirements - a way of the estimation to efficiency of the technical decisions of energy.

Define the condition energyeffectivity innovation technology in energy of the Ukraine - a construction solar, wind power station, automated systems a monitoring.

Designing object [2] in the field of electric engineering presents itself document, agreeable to all requirements GOST. In branches electric engineering design possible different objects - a power stations; boiler; the network of the water-supply and sewerages; the gas-turbine units; distributing and main heat networks; the heat power stations; energy complex; the telecommunications; designing technical object; the gas-piston of the installation and a great deal another.

Innovation technologies in energy of the Ukraine - an energyeffectivity of the decision, construction solar, wind power station, using the automatic system of the monitoring. The building planned nontradition sources to energy - SES in Ukraine is expected by power from 3 before 350 MW. Is it below presented table given planned nontradition sources to energy SES on condition 2015-2025 on Ukraine.

The power planned nontradition sources to energy - SES on condition on 2015-2025 on Ukraine forms 990 MW, which entering requires provision steady-state and dynamic stability of the power system by using the automatic system of the monitoring (the complex of the equipment and software, providing removed control and monitoring element SES, data acceptance and monitoring, network programme checking, checking the tracing to powers, regulation active and reactive powers, checking the condition of the functioning generating equipment).

Reference

1. Халатов, А.А. Энергетика України: Сучасний стан та найближчі перспективи [Текст] / А.А. Халатов / Вісн. НАН України. - 2016. - № 6. - С.53-61.

2. Проектирование объектов энергетики. Режим доступа:<https://iknet.com.ua/ru/articles/useful-to-know/energy-facilities-design/>