



Baština Akademije nauka i umjetnosti Bosne i Hercegovine

**International colloquium Decision making principles
in building of electric power sources: Principi
donošenja odluka pri gradnji elektroenergetskih
izvora**

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Academy of Sciences and Arts of Bosnia and Herzegovina

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**DECISION MAKING PRINCIPLES IN
BUILDING OF ELECTRIC POWER SOURCES**

Sarajevo, March 27-28, 2008.

Proceedings

Sarajevo, March 2008.

CONCLUSIONS

All matter presented at the International Scientific Colloquium “Decision making principles in building of electric power sources” including discussions and suggestions of all Colloquium participants, was subject of careful analysis which has been done by all invited lecturers and Commission for conclusions of Academy of Sciences and Arts of Bosnia and Herzegovina.

Based on the analysis, next conclusions have been formulated:

General:

- I. Energy is the basic precondition for the development of the humanity and a vital interest for society as a whole. Demand for energy is constantly increasing, with the increase in the demand for electricity exceeding that of the demand for other forms of energy.
- II. Decision making in the realm of developing electrical energy sources is the sovereign right of every state.
- III. Adequate and continuous education and development of scientific and research work is a precondition for competent knowledge and professionals existence, as well as for making of valid decisions in the area of electrical systems development.
- IV. Building of new electrical energy sources must lead to an increase in social welfare and the preservation/improvement of the environment.
- V. It is necessary to define "general social interest" in legal terms.

Particular:

- Reforms in the electrical energy sector imply considerable potential advantages, but also the risk of significant potential losses if they are not fully and appropriately conducted.
- It is very important for electrical energy reforms to have strong political support.
- Adequate coordination and harmonisation of the development process in the electrical energy sector is possible only if a development strategy for the electrical energy sector is adopted on the B&H state level.
- The basis for good planning of development of electrical energy sources are analyses and projections of economic development in the country and long-term projections of the increase in electrical energy consumption.
- Investment in production capacities for the sole purpose of exporting electricity is justified only if it does not interfere with the security of providing of electricity to own consumers and if long-term export contracts ensuring economic justifiability exist.

- In defining development plans for electrical energy sources in B&H, it is necessary to take into account the provisions of the Energy Community South East Europe Treaty and EU policies.
- Before deciding to build new electrical energy sources, it is necessary to consider a number of concrete solutions including all the repercussions on the environment and the population (population displacement, flooding of arable land, destruction of rare flora, waste disposal, resources depletion, land and air pollution), and choose the solution minimising such undesirable effects.
- Plans for the construction and reconstruction of new electrical energy sources must be negotiated with local communities in a timely manner and must contain methods of resolving individual and collective problems of the population with a view to bringing them certain advantages.
- Study for the development of an environmentally acceptable electrical energy sector in the whole of Bosnia and Herzegovina should be done by experts from Bosnia and Herzegovina in cooperation with other international experts.

The existence of a large number of very successful electrical energy companies in state ownership disproves the widely held belief about the greater efficiency of private companies on the electrical energy market.

