



Rehabilitation of Empty Areas from Exploration of Kosovo Lignite

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Abstract: Energy production is a key to economic development of the country. Environmentally friendly behavior by legal regulation, conventions and EU directives, is necessary. Environment in the area of KEK is influenced by the past wild use of lignite for energy production and current activities. Areas assessed as "hot spots" in this paper are: pit remaining from existing mines (Mirash & Bardh) and existing ash dumps of TC "Kosovo A and B". The influenced environmental mediums are: air, water and soil. It's a priority for environment the rehabilitation of the remaining pit holes from existing mines and existing ash dumps. Rehabilitation should include: storage of fresh ash in existing mines pits, using of technologic water for the creation of ash-water pulps and its transfer, non-creation of new ash hills (dumps), prevention the coal self-burning, stopping of air pollution, restoring the soil in the primary function and regulation of landscape. Positive example to mention until now for the environment is at KEK project started: "Return of the fresh ash from Kosovo B Thermal Power Plant (TPP) in empty pit-holes of Mirash open pits. Objectives to be achieved with the realization of these priorities to the environmental rehabilitation (remaining pits of existing mines and ash dumps) are: closing of the industrial cycle of lignite exploration and its using for energy production.

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