

CO-COMBUSTION OF SEWAGE SLUDGE IN THE HEATING PLANT

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Due to the composition of sewage sludge, European legislation is stricter about sludge management, especially as agricultural fertilizers. Czech Republic must take some necessary measures because the majority amount of sludge ends up in agriculture, composting plants or landfills. Above mentioned utilization will not be possible and many wastewater treatment plant are looking for new solutions. It could be energy utilization, especially combustion of sewage sludge. Nowadays a lot of coal-fired power plants change its fuel mix to biomass, especially to wooden chips. Dried sewage sludge has a similar key parameters. This article is about legislation, analysis and trial test of co-combusting of sewage sludge in power plant in Mladá Boleslav.