

This invention relates to the branch of power engineering and can be used on heat-electric power plants for organization of technological processes in furnace systems. The method for burning low-grade coal provides gasification of part of fuel with oxidizers and active substances and obtaining burning gas in which the main volume of low-grade fuel is processed. Gasification of the main volume of the low-grade fuel is performed in stages with use at each following stage of increasing volume of low-caloric fuel at ratio not larger than 1 to 10. At that enthalpy of the products of gasification for treatment at each following stage is brought to self-ignition of fuel. This invention promotes increase of effectiveness of burning low-grade coal and completeness of its burning.