

This invention relates to power engineering and can be used for firing low-reaction high-ash coal-dust fuel in furnaces of steam and water-heating boilers. The method for firing coal-dust fuel comprises feeding to the furnace coal-dust fuel through the burner of the coal-dust fuel, with feeding to the furnace gaseous fuel through flow-through gas burner installed as opposed with respect to the burner of the coal-dust fuel; at that the coal-dust fuel is fed to the furnace through swirl burner, and the heat capacity of the flow-through gas burner jet is installed within 10-15 % of the heat capacity of the coal-dust burner jet. This invention provides increase of compactness of the burning jet due to bringing closer the zone of initiation of the coal-dust fuel to the mouth of the coal-dust burner.