

An installation for combined production of thermal and electric energy has heat engine with electric generator, boiler-utilizer, system of gas ducts and pipelines, heating equipment, system for automation and control. Additionally installation has mixer of engine burning products with air for saturation of those with oxygen, afterburning chamber with diffusion-stabilization burners placed in direction of flow of combustion products between engine and boiler-utilizer, ventilator for supply of air to mixer and system of control of supply of additional fuel to combustion chamber.