

# ANALYSYS OF THE GAS TURBINE INLET TEMPERATURE INFLUENCE OVER THE PERFORMANCES OF A SMALL SCALE COMBINED CYCLE MOBILE UNIT BASED ON A GAS TURBOENGINE WITH RECUPERATOR

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## ABSTRACT

*The paper presents the results of a study concerning the influence of the Gas Turbine inlet temperature over the performance indicators of a Small Scale Combined Cycle Unit adapted to operate as terrestrial propulsion system. The analyzed configuration consists of a Gas Turboengine with recuperator and a Steam Turboengine based on a one-pressure-level Steam Cycle.*

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