



# COMBINED HEAT AND POWER/DIRECT DRYING CERAMIC INDUSTRY CERAMICA SICHENIA

OWNER  
**Ceramica Sichenia**

LOCATION  
**Sichenia, Italy**

PRODUCT  
**Saturn® 20 (1.1 MWe) Gas Turbine**

CUSTOMER VALUE  
**Energy Cost Reduction**

Ceramica Sichenia manufactures floor tiles, exterior tiles and bathroom fixtures from ceramic slurries produced at their plant near Modena, Italy.

In order to reduce their operating costs at the energy-intensive factory, Ceramica Sichenia installed a 1.1 MWe Saturn 20 gas turbine generator set.

The electricity from the generator set is fed into the plant's power system, and the clean, hot, dry exhaust gas from the turbine is ducted directly to heating equipment that dries the wet ceramic products.

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