

Building services company focuses on sustainability

OPTIMAL ENERGY SUPPLY THROUGH THE USE OF A PHOTOVOLTAIC SYSTEM IN COMBINATION WITH A CHP UNIT



Pflügl GmbH & Co. KG uses a g-box 20 in combination with a photovoltaic system to ensure an optimal energy supply.

The building services company Pflügl GmbH & Co. KG was founded in 1993 by Josef Pflügl in Reichertsheim. The company is leading in the individual planning and implementation of building services and sanitary installations for residential, commercial and industrial buildings. The company's installation work includes new installations, renovation of old buildings, expansion and refurbishment, repair and

inspection of heating, sanitary and ventilation systems.

The company uses a photovoltaic system for its power supply. In unfavorable weather conditions, when the photovoltaic system does not provide enough energy, the g-box 20 is used as a practical supplement. The heat generated by the CHP is distributed via district heating pipes and used to heat residential buildings while the electricity generated is used to operate the wood chip boilers in the

heating plant. The combined heat and power (CHP) plant provides an electrical output of 20 kW and a thermal output of 44 kW.



Pflügl GmbH & Co. KG

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g-box 20

Natural gas

20 kW electric

44 kW thermal