

RES:

- Solar thermal
- PV
- Biogas
- Heat pumps
- Biomass
- Absorption chiller
- Wind
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Changes in the production and energy supply:

- Process optimisation
- Process intensification
- Heat integration
- Storage
- Energy efficiency
- solar integration
- Biobased products
- Emerging technologies
- Cleaner production
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Unit operations:

- Cleaning
- Drying
- Evaporation and distillation
- Blanching
- Pasteurization
- Sterilization
- Cooking
- Other process heating
- General process heating
- Heating of production halls
- Cooling of production halls
- Cooling processes
- Melting
- Extraction
- Bleaching
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Project name: InSun - Industrial Process Heat by Solar Collectors

Project description:

Fleischwaren Berger GmbH is located in Sieghartskirchen producing 80-90 tons of meat and sausage products per day. At Berger, solar flat plate collectors with an overall area of ca. 1,067 m² are installed on a field next to the production facility including a storage tank (60 m³). The produced thermal energy is used for feed water preheating (30°C up to 95°C) for steam production for ham cooking and hot water preheating from about 40°C up to 70°C required for drying the air conditioning systems.



Sector: food & beverages

Sub sector: meat

Country: Austria

Company scale: Large (>= 250 people and/or >= 50 mio€ turnover)

