

Advanced Independence - combined heat power unit

Relieving the environment by reducing polluting emissions and treating valuable raw materials prudently are important arguments for using a combined heat and power unit.

The continuous expansion and perfecting of the production processes at HA-BE makes it necessary to adjust the energy and media supply at the location in Altheim. For this reason, the decision was taken at HA-BE to install a combined heat and power unit.

The goal is ...

- ... an independent and secure energy supply
- ... careful use of resources
- ... a sustainable and eco-friendly concept to reduce energy costs
- ... efficient energy management

A combined heat and power unit is a modular designed plant to generate electric energy and heat. It uses the principle of combined heat and power or cogeneration of heat and power.

At HA-BE, the combined heat and power unit is driven by a gas turbine. Gas turbines are a tried and tested component for combined heat and power, if heat is required at higher temperature levels. In particular, a combined heat and power unit is the perfect addition for operating the planned powder-coating facility at HA-BE. The process heat generated by the combined heat and power unit can be used directly for the powder-coating facility. This way, additional energy is saved.

The planning activities for the combined heat and power unit have already been completed and the unit will go into operation in the second quarter of 2016.



...a further step towards the sustainable use of resources.