



Power for malt production

GLOBAL MARKET LEADER IN MALTING RELIES ON DOUBLE AVUS POWER TO INCREASE SUSTAINABILITY



One of the world's leading malting companies - Boortmalt from Australia - has decided to work with us and our partner Evo Energy Technologies to implement an efficient and sustainable energy solution in its production facility in Perth.

The project includes the installation of containerized combined heat and power units to reduce peak power consumption and enable cost savings. The customized solutions and high uptime guarantee are in line with the customer's commitment to

sustainability and high-quality malt production. This collaboration is an important step towards greater energy efficiency and environmental responsibility in Australian malt production. Our client, a leading global producer of malt, is committed to sustainability. The project involves the installation and ongoing operation of two avus 1200e CHP units, each with an electrical output of 1,500 kW.

Here are the key project results summarized:

CO2 avoidance: the implementation of the CHP engines is expected to result in a net reduction of 10,788 tons of CO2 emissions, contributing to the client's environmental sustainability goals.

High uptime guarantee: Our partner Evo Energy Technologies offers a premium maintenance package designed to ensure an average annual uptime of at least 94% to minimize downtime and maximize efficiency.

Tailored solution: A bespoke energy solution was offered to suit the site's individual energy requirements, ensuring optimum performance and cost efficiency.

The CHP engines installed are designed to provide reliable energy, reduce peak consumption and integrate a heat pump to increase efficiency. Technical recommendations include the installation of two 1.5 MW CHP units for maximum

utilization. Evo Energy Technologies is optimizing the configuration to allow for both grid-synchronous and off-grid operation. This project prioritizes CO2 reduction, ensuring uptime and providing a tailored solution for cost savings and reliable power supply.



Boortmalt

2 x avus 1200e
Natural gas
1500 kW electric
1529 kW thermal

