

## EDINA CHP ENSURES SECURITY OF POWER FOR ICE CREAM MANUFACTURER



### CASE STUDY R&R ICE CREAM

Edina delivers 4MWe combined heat and power (CHP) plant at ice cream production facility based in Northallerton, North Yorkshire, as part of site expansion.

The two MWM TCG 2020 V20 natural gas engines eliminate the imposed grid restrictions to import more electricity and maintains security of on-site power supply.

The CHP plant saves R&R Ice Cream an estimated £440,000 per year on its energy bill.

CHP reduces CO<sub>2</sub> emissions by 4,800 tonnes per year and provides an overall CHP engine efficiency of 86.9%.

CHP grows production capabilities by more than 20%.

Installing the CHP plant has led to significant savings in energy costs and R&R estimates the £2million cost of the plant will be repaid in just over three years.

Discover the full story at:  
[www.edina.eu/rr-ice-cream](http://www.edina.eu/rr-ice-cream)