

## PROJECT | NEW ENERGY CENTRE FOR MANUFACTURING SITE

## OUR ROLE | APPRAISE, DESIGN AND PROJECT MANAGE

NIFES have worked with Weetabix for over 20 years. In 2002 we were appointed to review the options for the replacement of the boiler plant serving the main manufacturing site at Burton Latimer.

We undertook an overview options appraisal which identified a combination of boiler plant and gas engine based CHP as the optimum option for the site.

NIFES developed a detailed analysis of this option which was then adopted as the solution.

The plant consists of a new purpose built structure. This contains 2 off 16 Te/hr steam boilers both of which contain waste heat sections to accept the exhaust heat from 2 off 3 MWe gas engines installed in the same building.

The building contains:

- ancillary plant
- control/switch rooms
- a new 30m stack
- external heat dump and
- fuel tank installation.

