

CASE **STUDY**

GATES® QUAD-POWER® 4

**BELTS REDUCE ENERGY
CONSUMPTION AT
HOUSEHOLD WASTE
RECYCLING PLANT**

CS121



HAYLEY

DEXIS

HAYLEY DEXIS POWER TRANSMISSION // WASTE

Focus on **value** **TRACK
UP**

THE SITUATION

A Maintenance Engineer working at an Energy Recovery Facility (ERF), where municipal waste is converted into electricity for the National Grid, was looking into ways to improve energy efficiency and mechanical reliability at his site. He picked-up the phone to the team at his local HAYLEY DEXIS branch and he was invited to visit them in person to explore ideas.

THE SOLUTION

The team at HAYLEY DEXIS took the customer on a tour of the stores at the branch, and discussed the comprehensive product and service offering of HAYLEY DEXIS.

Drive belts were of real interest, particularly as the plant had suffered persistent issues with some of their current belts in the recent past, especially during the heatwave of Summer 2022.

KEY VALUE AREAS



OTHER



SPEND

HAYLEY DEXIS arranged for Gates® to promptly visit the customer on-site to help install four newly-purchased Gates® Quad-Power 4 bandless v-belts within a fan application.

THE RESULT

Five of the OEM belts operating within the fans have now been swapped for four Quad-Power 4 v-belts from Gates®. The new maintenance-free belts have a far superior reliability, and will last far longer without issue than the previous belts being used.

“

THE CUSTOMER HAS REPORTED A 5% DROP IN ENERGY CONSUMPTION, THANKS TO THE NEW BELTS SLIPPING FAR LESS FREQUENTLY.

”

The maintenance burden for this application has, therefore, been reduced considerably.

The Maintenance Engineer who visited branch has also reported first-hand a 5% drop in energy consumption thanks to the new belts slipping far less frequently. This 5% represents a significant cost-saving that will continue to accrue for the customer, over the coming months and years.

CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

www.hayley-group.co.uk/branch-finder.

KEY BRANDS



KEY SOLUTIONS

Gates® Quad-Power® 4 bandless v-belts.

KEY RESULTS

Running costs reduced.

Energy consumption reduced.

Maintenance burden reduced.





HAYLEY

DEXIS