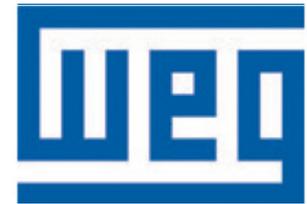




Summary



Industry:	Construction
Application:	Motors
Actual Saving:	£41,000
Payback Period:	7 years



ERIKS receive sustainability award for TCO Calculator

Sustainability award leads to British Gypsum Barrow swapping their motors for efficient WEG IE3 motors

ISSUE

ERIKS UK have recently received a sustainability award from Saint-Gobain. The prize recognised the ERIKS Total Cost of Ownership (TCO) Calculator and how it helps to tackle environmental challenges. To win the award, ERIKS had to demonstrate the innovative efforts they were making to minimise environmental impact through methods such as enhanced energy efficiency and waste reduction.

ERIKS' application for the award looked at British Gypsum Barrow's current energy efficiency and how this could potentially be improved.

SOLUTION

ERIKS used the TCO Calculator to present the company with specific data regarding the energy usage and the amount of Co2 that would be generated per annum by:

- a) repairing their motors
- b) switching to WEG IE2 motors
- c) switching to WEG IE3 motors

In one example, British Gypsum Barrow would have previously repaired a 185kw motor but the TCO Calculator revealed to them that this may not be the most cost and energy efficient option.

Following the use of the Calculator, British Gypsum Barrow made a decision to not only choose the more efficient replace option but to also discontinue the use of its current motors. The TCO data revealed that when British Gypsum Barrow upgrade to WEG IE3 motors they will make significant cost savings as well as making a positive impact on the environment by saving approximately 40 tons of Co2 over seven years, in the 185kw motor example alone.

OTHER BENEFITS

- Reduced Co2 emissions
- Recognised as a company concerned with environmental challenges

FURTHER COMMENTS...

"This project highlighted the benefits of using the ERIKS TCO Calculator, leading to savings in costs and energy."

Gareth Lenton
Business Unit Manager
ERIKS UK

MORE INFORMATION

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