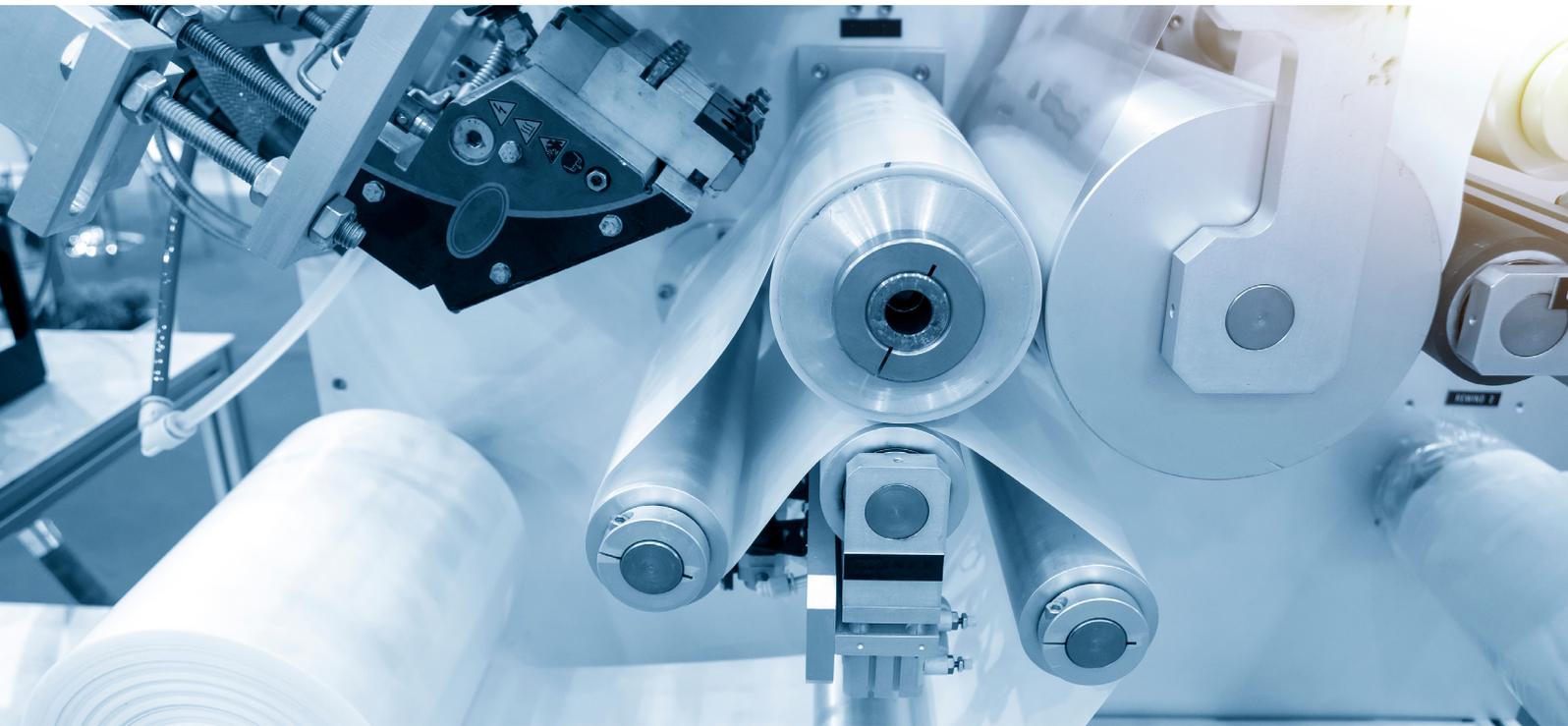




“KEEPING IT COOL” FREE-COOLING INSTALLATION FOR SUSTAINABLE PACKAGING MANUFACTURER



THE CHALLENGE

Skymark Packaging has long held a desire to conserve our environment. They produce innovative packaging solutions, efficiency projects and next level working methods. Whenever they explore a possibility to improve, they endeavour to involve their work force or (wherever possible) local companies that share the same philosophy as Skymark, reducing unnecessary carbon emissions associated with travel and logistics. Their Free cooling project is another fine example of their philosophy.

Together with their project partners ICS Cool Energy, a milestone project has been successfully delivered, which has seen the use of nature to help Skymark to reduce their energy costs.

The Skymark challenge: "Reduce our energy use for water cooling purposes by at least 200,000kWh/annum"

THE SOLUTION

ICS Cool Energy have provided an in-line cooling solution to ensure that the following Skymark objective has been met:

"Reduce our energy use for water cooling purposes by at least 200,000kWh/annum".

Systems like these always rely on external factors to be successful. Thankfully, the weather in North Lincolnshire is favourable to the project in the attempt to make the most of this development.

THE RESULT

Skymark are delighted to report that they have successfully achieved their objectives by using the typically moderate Lincolnshire climate to help cool their water system whilst saving in excess of 200,000kWh per annum of electricity in the process.

The project ensures that they do not only reduce their like-for-like annual electricity consumption and associated Carbon emissions, but they have also reduced one of their key operational costs. Process cold water has been reduced from being the 2nd most expensive consumer in 2017 to not even featuring within the Top 5 in 2019.

What an absolutely amazing result.



Date code: 07/22

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