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GEA heat recovery system helps Britvic reduce its carbon footprint

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By **Mansi Jamsudkar** | September 9, 2023



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GEA, one of the world's largest systems suppliers for the food, beverage, and pharmaceutical sectors supplies Britvic, one of UK’s leading soft drinks manufacturers, with a heat recovery system at its Beckton site, in London. The installation begins this summer and will result in cutting the factory’s carbon emissions by an estimated 1,200 tons annually – equivalent to the annual energy usage of around 500 UK homes.

At its Beckton site, Britvic produces 2,000 drinks every minute, including many of the UK's most popular beverages such as Robinsons, Tango, and Pepsi MAX. GEA is supplying two industrial ammonia heat pumps and a large thermal storage tank.

For Britvic, the project is a major step toward its goal of reducing direct carbon emissions by 50 percent by 2025 and achieving net zero by 2050.

Britvic will convert much of its process heating from natural gas steam boilers to carbon-free heat recovery systems driven by heat pumps. The new heat recovery system, designed and supplied by GEA, reuses low-temperature waste heat from the existing production system.

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