

## STUDENTS AWESTRUCK BY SCALE OF WASTE TO ENERGY OPERATION



*English Martyrs students peer into the bunker at the Wilton 11 plant*

“It was a real eye opener” and “I had absolutely no idea” - just two of the comments from students and staff of a Tees Valley sixth form college when they came face to face with the mountain of waste transformed into energy at Wilton.

A-Level students from English Martyrs School in Hartlepool were left open mouthed at the size of the operation to transform waste formerly destined for landfill into useful products for industry.

The visit to Wilton 11 and the wider Wilton International site was part of a week of activities laid on for the students to demonstrate the range of careers that are available to those studying science, technology, engineering and maths.

Sembcorp mechanical engineer Liam Ghani and operations manager Fran Kay excelled in explaining the workings of the Wilton 11 plant in clear, simple terms.



***Liam takes the students through the waste to energy process***

Suez operators also got involved, demonstrating via the sceens in the control room how more than 440,000 tonnes of residual household waste is burned in the most effective manner to maximise the steam and electricity available to the site.



***Process management – Liam and the control room operators explain how the process is controlled***





*The giant grabber able to transfer 8 tonnes of waste at a time from the bunker into the furnace*





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