

NET ZERO SUFFOLK CASE STUDY

Thurston Sixth Beyton Campus received a free carbon footprint and an energy report by Groundwork East, funded by Suffolk County Council.

Thurston Sixth Beyton Campus is a sixth form located near Thurston, Suffolk. The college used the Net Zero Suffolk support service to obtain a free carbon footprint with recommendations to reduce their energy bills and their emissions.



✓ Carbon Footprint

The sixth form received a carbon footprint for 2022-23, calculated at 198.5tCO₂e.

✓ Energy Efficiency Advice

Recommendations included switching older lights to LEDs, roof insulation, electric heating, and solar PV with a battery.

✓ Electric Heating

Heat pump advice explained how extracting heat from the outside air, along with better controls and zoning, will reduce energy usage and costs.

✓ Other Support

Their report also included advice on infrared heating, staff engagement, and available grants/funding.

'We wanted to reduce our energy costs and emissions, and the audits we received helped us to decide which actions to focus on first.'
-Phil Williams, Assistant Principal,
Thurston Sixth Beyton Campus

Thurston Sixth Beyton Campus' Aims

✓ **Scope 1: Roof & Wall Insulation**

To reduce natural gas usage, they will check the insulation levels of the roof and external walls and upgrade them where required. They will also consider replacing any single-glazed windows and doors with double-glazed alternatives.

✓ **Scope 1: Boiler Replacement**

They will consider installing heat pumps on replacement of their gas boiler, with the aim of reducing their Scope 1 natural gas emissions.

✓ **Scope 2: LED Lighting**

They will switch any older lights to LEDs on replacement.

Thurston Sixth Beyton Campus obtained their free carbon footprint and net zero report in January 2023, and are now taking steps to lower their energy usage.



Interested in this free support?

Get in touch via:

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