

NET ZERO SUFFOLK CASE STUDY

Thurston Community College received a free carbon footprint and an energy report by Groundwork East, funded by Suffolk County Council.

Thurston Community College is a secondary school and sixth form located in Thurston, Suffolk. The secondary school 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 school received a carbon footprint for 2022-23, calculated at 418.2tCO₂e.

✓ Energy Efficiency Advice

Recommendations included cavity wall insulation, double-glazed windows, doors, and skylights, and solar PV with a battery.

✓ Solar PV

Solar PV recommendations were based on current energy demands, and included implementation costs and energy/emissions savings.

✓ Other Support

Their report also provided advice on kitchen equipment, draughtproofing, 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 Community College



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Thurston Community College's Aims



Scope 1: Double-Glazed Windows & Doors

They will look into replacing any single glazed windows, doors, and skylights with double glazed alternatives, which will help to keep the heat in and reduce gas usage. They will also check their external walls for cavity wall insulation.



Scope 2: LED Lighting

They will switch their remaining older lights to LEDs on replacement, which will reduce their electricity usage.



Scope 2: Solar PV

They will evaluate if solar PV is viable for the school, with the aim of reducing their demand for grid electricity.



Thurston Community College 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:

NetZeroSuffolk@groundwork.org.uk

01473 350370