



Energy Sparks Case Study

Harris Federation

The Energy Sparks group dashboard is a unique feature which makes it easy for organisations to analyse energy consumption over a group of schools and compare them against national benchmarks. This tool gives over 100 UK Multi Academy Trusts and Local Authorities a clear overview of their schools' energy consumption and makes it easy for them to identify the priority actions which will have the greatest impact.



One of the larger school groups using Energy Sparks to manage their energy performance is the **Harris Federation** who now have 46 academies using the platform.

The Harris Federation have concentrated on low and no cost measures to help reduce electricity consumption, leading to lower energy bills and reduced greenhouse gas emissions. The Federation has been able to use Energy Sparks to measure the impact of energy saving measures as well as to engage and enthuse staff and students in energy efficiency activities.

Since joining Energy Sparks, Harris Federation schools have saved over a year on their electricity bills

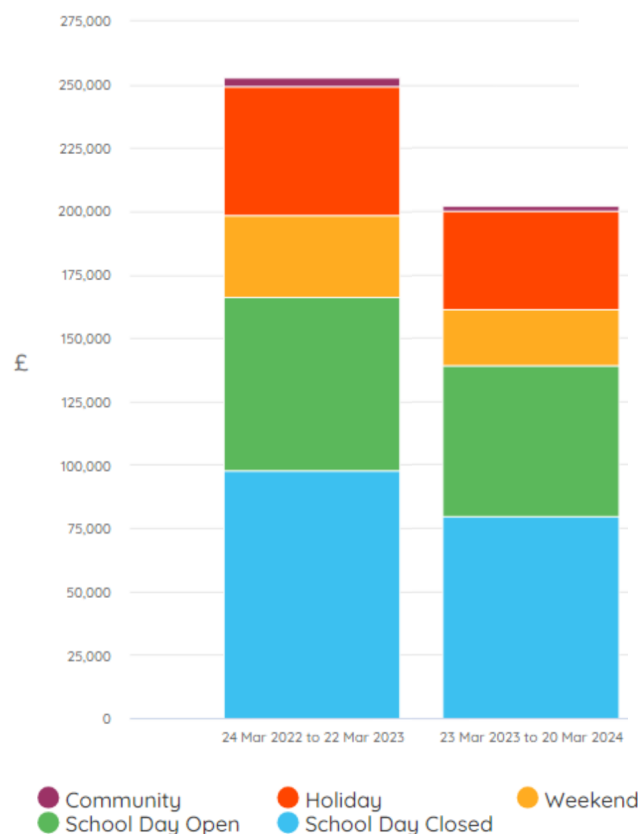
£185,000

Simple actions, huge savings

Huge changes can often be achieved without external investment or intervention. Harris were able to save approximately £165,000 in 2023 with just a small change to their central ICT protocols. An ICT shutdown meant that all networked devices were shut down across the Federation at 10pm each evening, although Principals could action an earlier shutdown at 5, 6 or 7pm.

This automatic shutdown meant that 60% of Harris academies saw a reduction in their baseload from 2022 to 2023, with 8 schools reducing this by more than 20%. The total reduction saved Harris Federation schools approximately £165,000 in 2023.

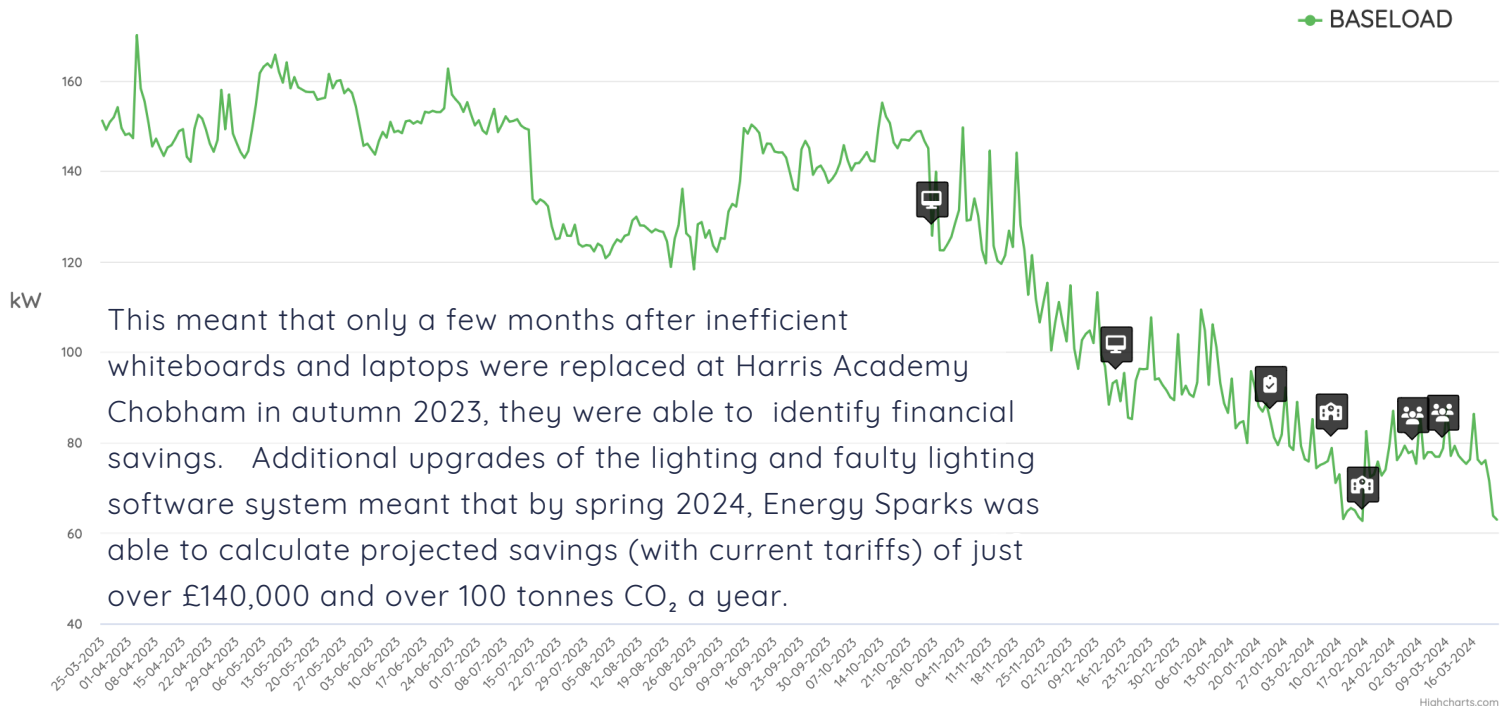
Harris Academy Sutton and Harris Academy South Norwood - Clocktower Campus (right) both reduced their baseload by over 30%, saving £19,000 and £30,000 respectively. A full case study on Harris Academy Sutton's switch off can be found [here](#).



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Energy Sparks allows schools to see results more quickly

With Energy Sparks, the impact of changes can be seen within days or weeks rather than waiting for monthly statements or annual reporting.



Sparking interschool competition

Our scoreboards make it easy to generate a little intra-Trust competition. Many of the Harris academies have actively involved their pupils in their Energy Sparks interventions, and being able to record their activities for points encourages an extra level of friendly rivalry.

Schools score points by recording activities involving pupils, and Energy Sparks regularly awards prizes to the highest scoring schools. The 2022-23 scoreboards saw 2nd and 3rd place hotly contested by HPA Shortlands and HPA Haling Park, who topped our regional and national scoreboards.

A case study on Harris Academy Haling Park's whole school involvement in Energy Sparks can be found [here](#).



Find out more about how Energy Sparks can support your Multi-Academy Trust to reduce their energy bills and carbon footprint by visiting <https://energysparks.uk/for-multi-academy-trusts> or emailing hello@energysparks.uk.



Energy Sparks
Helping schools fight climate change