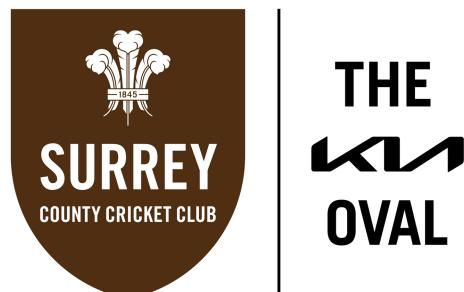


Spotlight on Sustainability

The KIA Oval



Created by the Cross Association Sustainability working group

The Venue

The Kia Oval is home cricket ground of Surrey County Cricket Club, welcoming 650,000 people through our doors for cricket in 2023. In addition to this we run approx. 1000 events a year, a mix of corporate and private clients, welcoming around 140,000 people.

The commitments run parallel to our sustainability goals to be Net Zero by 2030 and form key principles that are easy guidance.



Which of the commitments did you follow?

At the Kia Oval we looked to address Commitment 1: The venue is energy efficient.

Although we are on a 100% renewable tariff there are still emissions associated with getting this energy from the grid, therefore we are looking to ensure that we are reducing our electricity use.



What initiatives did your venue implement?

To ensure that we were operating the venue at the most energy efficient we implemented a companywide initiative to reduce our electricity consumption.

The approach for this energy saving initiative was around operational changes that will result in a decrease of electricity use at The Kia Oval. This involved placing the onus of responsibility of the members of staff operating the ground in every department to reduce their energy consumption through action alongside more extensive use of our building management system indoor newest stand (the Galadari stand).

When we first embarked on this, we were only receiving our electricity consumption data upon request (on an ad hoc basis), we work closely with our energy supply to get an automated email on a weekly basis with the site energy consumption to monitor this more closely. We have now invested in Automatic Meter readers at each of our stands so that we are able to monitor electricity consumption stand by stand so we can control our use better.

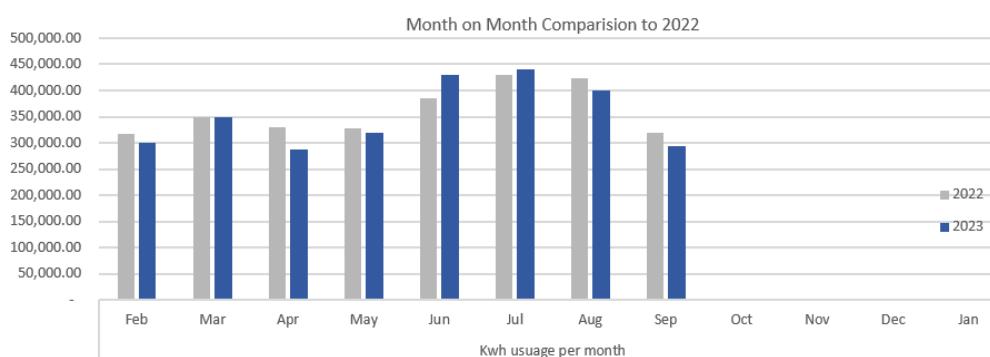
Findings

We have implemented this by controlling the BMS to shut down the electricity in the Galadari overnight (subject to staff working in the venue). We have also introduced departmental net zero KPIs in which energy saving is either explicitly mentioned or implied in the KPIs- these are monitored.

Monthly updates on our electricity consumption are provided in our staff newsletter and included in the board report so there is accountability at every level. Any delay or hourly anomalies are investigated by the Head of Facilities to see what changes can be made to ensure this does not happen. We also put-up signage around the ground - including customer facing around all water fountains that educate on energy use.

Since the beginning of the year, we have seen an energy saving of 2.15% (1st February to 23rd September) against the same period in 2022. This equates to 61,899.40, approx. 21 average households' yearly energy consumption (according to Ofgem).

We can see the savings that were created through the correct implementation of the BMS in the Galadari stand in April where we made a 12.99% saving in electricity usage. This big jump in savings was brought back down due to the greater use of the stand in the evenings in the following months.



Recommendations



We will continue to monitor this until we have a full year of data and then we will begin to introduce daily budgets that we will monitor using our Automatic Meter Readers. This will create clear parameters and expectations for people to work within.

We will also look to engage external stakeholders more - such as contractors and suppliers to ensure that they are aware of our targets and then can work within those parameters.