ROUND THREE PROJECTS

Community Climate and Nature Fund

LED FLOODLIGHTING INSTALLED AT TYSOE TENNIS CLUB

“Tennis provides an opportunity for people of all ages and abilities to meet, socialise and exercise. Through the support of the CCNF, Tysoe Tennis Club has transformed our facility - allowing more people to play for longer.“

Ben Viollet
Treasurer, Tysoe Tennis Club

ABOUT THE PROJECT

The club removed six incandescent court lights, which consumed 14kWh, and replaced them with very long life (50,000 hours or more) LED units that consume just 4.5kWh, with no requirement for expensive pre-warming. Two of these lights were replaced and installed through the funding provided by the CCNF. The club engaged with the Lawn Tennis Association to understand the technical and operational requirements. They then engaged with a number of potential lighting specialists to obtain not only best value but also best practice for venues of a similar size. With the project run by members of the club’s committee, the upgrade continues to support the club's drive towards widening appeal both to existing members, who can safely play for longer, plus opening up to players of school or working age who cannot always access the courts during core daylight hours.



IMPACTS

With the average age of their adult membership at 60, the health benefits of social and league tennis is of very high importance. Through an improved playing environment these members can now play for longer, and more often. The LED lights deliver a 66% saving in running costs. Based upon current utilisation, projected savings are £465 per annum, rising to savings of £738 per annum, based on increased usage estimates. The old metal halide bulbs cost around £400 to replace, with a lifetime expectation of 6,000 hours, and many would have failed in due course. The replacements have a life expectancy of 50,000 hours. The new lights will represent a saving, based upon current usage, of 109kg CO2 per annum, rising to 172kg CO2 at the projected levels usage.