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Kembla are committed to customer satisfaction

Thomas Telford UTC

Thomas Telford UTC (formerly West Midlands Construction UTC) is a coeducational 11-19s University Technical College school located on the Springfield Campus in Wolverhampton, West Midlands, England. Established in 2015, the school is situated within the Grade II listed building of the restored former Springfield Brewery, which dates back to 1873. It became part of the Thomas Telford Multi-Academy Trust in 2019.

In 2019, the West Midlands Construction UTC underwent significant changes and became part of the Thomas Telford Multi-Academy Trust, joining other institutions like Madeley Academy, Sandwell Academy, Walsall Academy, and Redhill Primary Academy. In addition, the school was rebranded as Thomas Telford University Technical College (UTC) and changed its student age range from 14-19s to 11-19s.[7] To accommodate the increase in students, the school embarked on a £12.6 million building extension project.



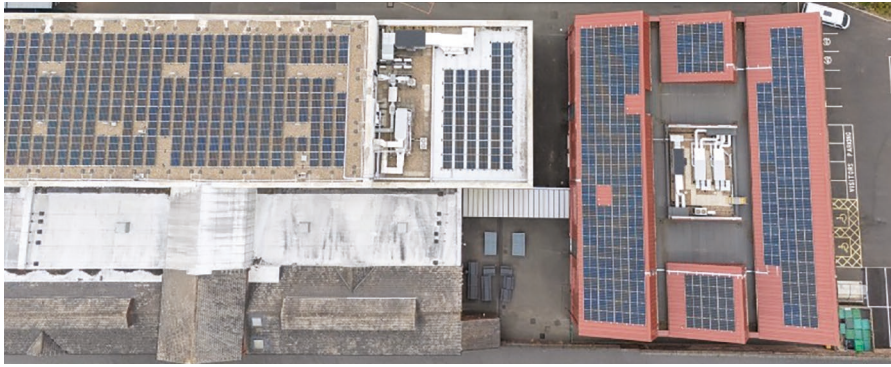
solaredge

Trinasolar

The process

The College is part of the Thomas Telford Multi Academy Trust, Kembla have already installed at their three other sister schools, Walsall, Sandwell and Madeley Academy. From the onset they had a passion for creating an environmentally friendly school.





What we did

We installed full SolarEdge systems across 2 units totalling 318.86kWp over a 3-week period. Also adding a retractable permanent edge protection for the flat roof through a company called keyguard.



Estimated generation across all sites: **277MWh**



Equivalent trees planted (Annually): **2450**

Specs:

- ✓ 733 x Trina Vertex S+ 430w solar panels
- ✓ 3 x 90kW SolarEdge 3 phase monitoring
- ✓ 248 x S1000 Optimisers
- ✓ 120 x P950 Optimisers
- ✓ SolarEdge Wattnode Modus Meter for import and export monitoring
- ✓ Firefighter gateway
- ✓ K2 standing seam mounting /Van der Valk mounting equipment

Key benefits



Reduce energy costs



Monitor performance of the system

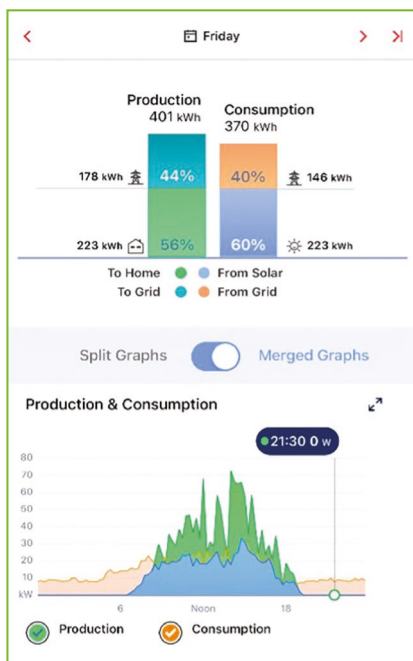


Payback period of 4-5 years

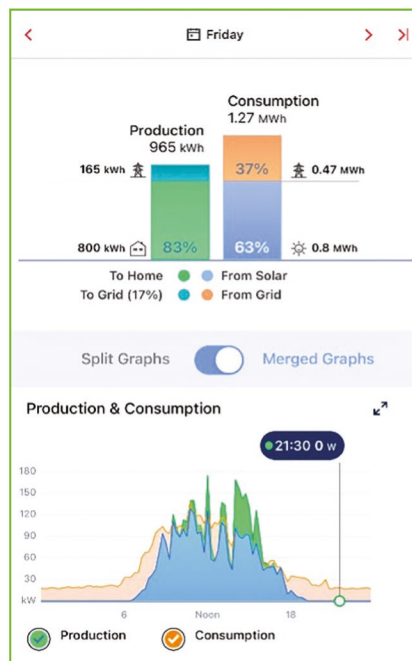


SolarEdge firefighter gateway

The difference made



Sports Building



Main Building

