



Case Study

Queen Street Multi Storey Car Park Solar and Battery Storage

In early 2025, Bedford Borough Council completed an 84kW solar PV and 50kW battery storage system at Queen Street MSCP Bedford. This comprises of 188 450W Trina Solar panels and 4 SolarEdge batteries. This is the second multi-storey car park in Bedford to utilise the top roof deck and significantly reduce the car parks' electrical consumption.

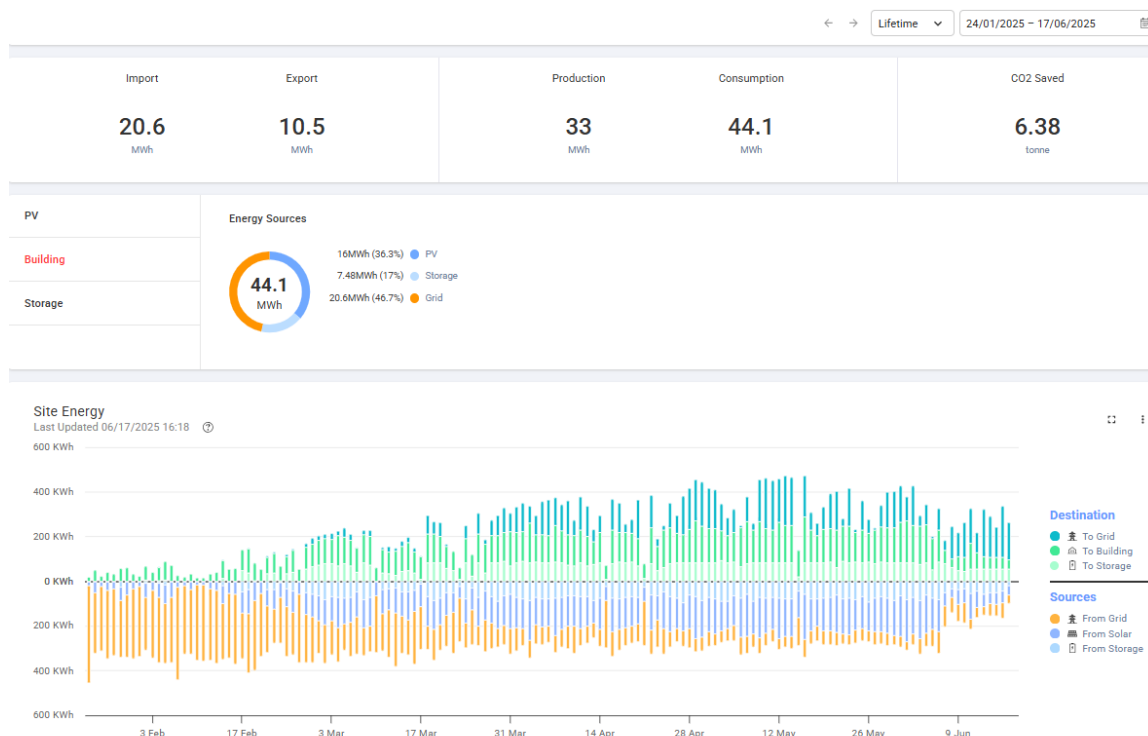


Combined with a battery, the car park is able to store the generated renewable energy and use it at night instead of taking the energy from the grid.

In March 2025 alone, the car park reduced its energy costs and consumption by over 50%.



As of June 2025, the system has saved over 6 tonnes of CO₂



For more information, please contact

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