

CASE STUDY



After successful installations at their Eurocentral Hotel in Motherwell, and their Edinburgh Hotel, Dakota wanted to continue their sustainability journey. We then began work on a Solar PV system at their Manchester Location.

Dakota Manchester were looking to reduce their environmental impact and operational costs while maintaining uninterrupted service for their guests. They sought a reliable, efficient, and sustainable energy solution. By continuing our partnership with Dakota Hotels, we provided them with a brand-new tailored solar photovoltaic (PV) panel system at their Hotel in the heart of Manchester.

THE PROCESS

Through our experience in larger hotels and smaller retail sites, we proposed a 68.73kWp system designed to meet the unique energy demands of Dakota Manchester. Our comprehensive solution will maximise the efficiency of the system. Matching our previous Hotel installations, we planned our installation process meticulously to ensure the Hotel could continue the running of their business throughout, with uninterrupted access and services for both guests and staff. Our skilled installation team fitted the system, over a 2-week period.

THE RESULT

Dakota Manchester are now able to generate 59,317kWh of clean green energy annually using their own Solar PV System. This is projected to save them £17,795 on their electricity bills in their first year. As reducing their carbon footprint was important to Dakota, they are pleased to be saving 11,848kg of carbon emissions with their new system in Manchester. This takes their total carbon savings across all 3 hotels to over 84 tonnes. As the project was funded by Dakota Hotels the return on investment is expected to be less than 5 years.

KEY FACTS



Installation time:
Two weeks



Carbon saved annually:
11,848 kg



Annual energy generation:
59,317 kWh



Array output:
68.73 kWp



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