

CASE STUDY



Installed in

**2
Weeks**

Annual
reduction of

**16
Tonnes**
of CO2 emissions

**53,065
kWh**

Annual Energy
Generation

**81.77
kWp**

Array output

Following a successful installation at their Eurocentral Hotel in Motherwell, Dakota Hotels wanted to continue their sustainability journey with Shawton Energy as their partner. We then began work on a Solar PV system at their Edinburgh site.

Dakota Edinburgh were looking to reduce their operational costs, as well as their environmental impact, whilst maintaining uninterrupted service for their guests. By continuing our partnership with Dakota Hotels, we provided them with a brand new and tailored solar photovoltaic panel system at their hotel in Edinburgh.

THE PROCESS

Given our experience in a wide variety of system sizes, we proposed a 81.77kWp system, designed to meet the specific energy demands at Dakota Edinburgh. Our turn-key solution will maximise the efficiency of the system.

Similarly to our previous system with Dakota and other hotels, we planned our installation process meticulously to ensure the hotel could continue the running of their business throughout, with uninterrupted access and service for both guests and staff. Our skilled team installed the system over a 2 week period.

THE RESULT

Dakota Edinburgh now generate 53,065kWh of clean, green energy annually using their own solar system.

Reducing their carbon footprint is important to Dakota Hotels, they are pleased to be saving 15,909kg of carbon emissions annually with their new system.

As the project was self-funded by Dakota Hotels, the return on their investment into the system is expected to be less than 5 years.