



CASE STUDY

**the food
WAREHOUSE**

Installed in

**2
Weeks**

Annual
reduction of

**11
Tonnes**
of CO₂ emissions

83,557

kWh Annual
Energy Generation

63

kWp

Array output

Shawton Energy worked closely with one of the UK's fastest growing food retailers, Iceland Foods Limited, to install a comprehensive, fully funded solar energy system at its store in Bretton Shopping Park, Peterborough.

Following the successful installation of an 88kW solar system at Iceland Penny Lane in Wavertree, Liverpool, and a new Food Warehouse in Queensferry, Chester – both delivered under Shawton Energy's multi-site partnership with Iceland – the Peterborough site was selected as the third location for implementation.

By adopting a fully funded solution via a Power Purchase Agreement, Iceland was able to benefit from the new rooftop solar PV system from day one, without any upfront capital expenditure. Under the agreement, Shawton Energy will also manage all ongoing system maintenance at no additional cost to Iceland.

THE PROCESS

Through detailed analysis of the expected energy usage, costs and site layout of the new Food Warehouse store, Shawton Energy designed a bespoke, turnkey solution.

The installation team fitted rooftop PV modules creating an overall generator surface of over 275m². Working in close collaboration with Iceland's team, Shawton Energy completed the full installation within two weeks in a live store environment, with the system becoming fully operational in August.

THE RESULT

Iceland's store in Bretton Shopping Park is now operating a rooftop solar PV system generating 83,557kWh of 100% renewable energy every year.

Building on the success of this project, Shawton Energy is continuing its multi-site rollout with Iceland, with further solar PV installations planned across various nationwide locations.



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