



- LOCATION **Greater Glasgow, Scotland**
- SYSTEM SIZE **3 systems rated 20- 30kW**
- EXPECTED ANNUAL GENERATION **58,700 kWh**

Locogen acted as technical advisors during the feasibility, consenting, procurement and installation of solar PV systems on behalf of Police Scotland.

Locogen was originally contracted through Carbon Trust Scotland to assess the feasibility of gas combined heat and power (CHP) and rooftop mounted solar PV opportunities across 3 sites in the Greater Glasgow and Clyde area.

Acting on the findings of Locogen's feasibility study, Police Scotland chose to progress with the procurement and installation of three solar PV systems across their estate. They selected a 28kWp system on their London Road, Glasgow site, a 20kWp system at their Paisley site and a 20kWp system at their Clydebank site.

Locogen subsequently completed the consenting works, including securing the appropriate grid connection, energy performance certificates and planning permission for the installations where required.

Locogen then designed a performance specification for the solarPV system, to ensure Police Scotland benefited from the expected generation, and

managed the procurement phase of the project. This work included a detailed review of tender responses to deliver best value, and the appointment of the main contractor. The system procured utilised high-quality panels, inverters and a ballasted flat roof mounting system. The flat roofs on the buildings had all been recently refurbished, so an important element of the project was to protect any outstanding warranties. This meant ballasted mounting systems were specified to ensure no penetrations were needed to the roof and their integrity maintained. The systems also required a hard link to the standby generators located on site to ensure the solar PV systems would not be able to generate in the event of a mains outage.

Locogen then acted as owner's engineer on behalf of Police Scotland throughout the installation of the solar PV system to ensure it was installed in line with the specification and planning approval, delivering a high quality and robust installation.



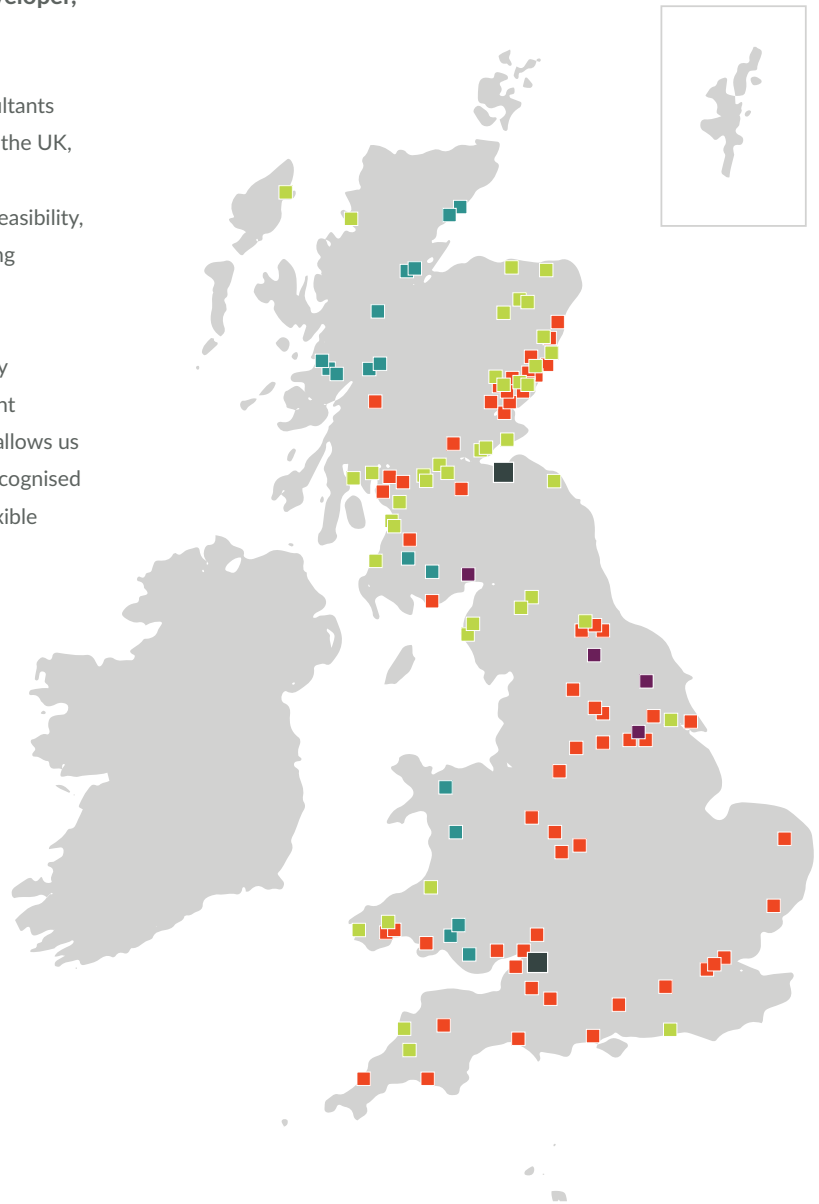
WHY LOCOGEN?

The Locogen Group, an award-winning pioneer in the sector, has been established since 2009 as a consultancy, developer, installer and operator of renewable energy assets.

Our team of engineers, project managers and technical consultants has delivered hundreds of renewable energy projects around the UK, covering wind, solar, hydroelectric and anaerobic digestion technologies. We take projects from initial concept through feasibility, design, consenting, due diligence, construction, commissioning and operation.

We have developed and operate wind, solar and hydro energy portfolios of our own. We also have a large Asset Management client-base which benefits from our experience; this volume allows us to spread costs and keep our services competitive. We are recognised as a proactive, honest and professional company, and our flexible services are renowned within the sector.

We have a national presence, with a UK-wide network of engineers and technicians giving us a quick response time, ensuring project down-time is low and system performance is maximised.



Our Projects

- WIND
- SOLAR
- HYDRO
- ANAEROBIC DIGESTION

■ OUR OFFICES

Locogen - Edinburgh Office

Mitchell House,
5 Mitchell Street,
Edinburgh EH6 7BD
Tel. +44 (0)131 555 4745

Locogen - Bristol Office

Henleaze Business Centre
13 Harbury Road
Bristol, BS9 4PN
Tel. +44 (0) 117 251 0068

Locogen - Rennes Office

Espace Entreprise Haut Blosne (2A)
34 Rue Frederic Le Guyader
35200 Rennes
Tel. +33 (0)651 56 5047

Locogen - Dijon Office

8 Rue Du 19 Mars 1962,
21600 Dijon, Longvic,
France
Tel. +33 (0)7836 67148

www.locogen.com
info@locogen.com

Find us on

