

CASE STUDY

PRIVATE CLIENT (UK)

New luxury domestic build (approx 3,500 sq ft./ 325 sqm) located in East Sussex, United Kingdom.

CHALLENGE

GS Renewable Client, a senior member of Foster and Partners, did not wish to sacrifice internal space for mechanical services. Construction during the pandemic favoured off-site production to comply with COVID-19 restrictions. Integration of multiple technologies required to satisfy heating / cooling and hot water demand.

SOLUTIONS

Our bespoke heat pump plant room satisfied the client's requirements while increasing living space in their new build. Our GS Renewable bespoke plant room installation has operating cost of £1800 / annum.

Oil usage would have seen our client face operating cost of £6500 / annum.

Following the success of our savings with the plant room, our client has requested a PV installation which further decrease the annual running cost by £1200 / annum.

A total of £5900 saved on operational cost on a yearly basis upon project completion.

ASSEMBLE: GS RENEWABLE UK PROJECT MANAGEMENT: GS RENEWABLE UK
PLANT ROOM DELIVERY (TO SITE): ALLEN HAULAGE PLANT ROOM
COMMISSIONING: GS RENEWABLE UK
EQUIPMENT SUPPLIED BY: VISSMANN, REFRA, WILO

AT A GLANCE

Challenges

- Pandemic Restrictions.
- Maximise living space.
- Not sacrifice internal space for mechanical services.

Benefits

- Savings: £5,900 / annum
- Savings (%): 91% / annum



This project won the Domestic Ground Source Project of The Year at the UK National Heat Pump Awards.