

Re: 15NP0057 – Condition 10

For this application to build an exceptionally low carbon house in keeping with the aims of NNPA Core Policies we have designed in *exceptional* levels of insulation, using SIP panels and an additional 100mm of internal insulation, as well as low u value windows and doors. The orientation of the building made solar PV unfeasible at this time and we had originally hoped to fit an Air Source Heat Pump.

Having sent the plans off to be assessed for their SAP energy ratings, we have been informed that the building will achieve much lower carbon output levels using a modern A-rated LPG boiler instead, as in the absence of site-sourced clean electricity, the electricity to supply the ASHP from the grid is sourced from more polluting and higher carbon output sources than the minimal amounts of LPG used in such a low energy building as ours.

We therefore wish to substitute the ASHP for an LPG boiler. Additionally, this boiler will be inside the house, removing also the appearance of ASHPs outside the house and removing ASHP operating noise completely.

This will allow us to better address core policy 25 as regards energy efficiency and Policy 19 Tranquility.

Glen Graham

Zoom out (Ctrl+Minus)