

Energy Statement

Bleakholt Animal Sanctuary, Bury Old Rd, Edenfield, Ramsbottom, Bury BL0 0RX

This energy statement has been prepared in relation to the submission of an application for planning permission for the erection of two cattery buildings, one for intake and one for isolation at the above premises and to demonstrate reduced energy demand and alignment with JP-S2.

- The life cycle carbon cost of the proposed structures will be low resulting from their being sourced from existing prefab buildings for the same purpose. The only embodied carbon therefore will be in their erection at new premises arising from transportation and a new concrete base.
- The heating energy demands are reduced due to the layout and design of the enclosures. Each pen comprises an inner, fully enclosed sleeping quarters, accessible via a door fitted with a cat flap and outer exercise space, open to the elements via a wire mesh outer door.
- The sleeping quarters will be the only heated space and has integrated frame / panel ceiling to create an 'insulated box' 1.205m x 1.24m 2.00m with the following specifications:

Walls: 70mm uPVC (5 chamber Rehau Total70)
 Wall Panels: 36mm PVC composite panel (1.5mm PVC skin, 33mm polystyrene core)
 Glass: 28mm Pilkington K Argon double glazed, 4mm single glazing to the front corridor
 Roof: 25mm Heatguard Polycarbonate

- Space heating and cooling demands (kWh/m2GIA/yr) are minimised by the following building features. The sleeping quarters will be heated via a panel heater located on the back wall. During the colder months, the door inner door is closed, usually only at nights or during especially cold periods, keeping this space warm, while still permitting the cat to use the outer area for fresh air.

Overheating & Ventilation

- Passive ventilation to be maintained at all times via mesh-fronted runs.
- Staff operational controls to ensure heaters off/doors open in warm weather.
- Recommend reflective finish or insulated roof liner to minimise solar gain.

Renewable/Low Carbon Feasibility

- PV technically feasible and could offset >35% of heating energy if installed.
- **Future-proofing measure included:** conduit for PV connection at later stage.

Monitoring & Controls

- Thermostatic heating controls to restrict hours of operation.
- Simple energy monitoring (smart plugs/sub-metering) for 12 months post-completion.

Policy Alignment Summary

JP-S2 Requirement	Status
Minimise demand	Very small heated areas; insulated panels
Energy efficiency	Thermostatic low-output heating
Renewable energy	PV feasibility assessed + conduit provision
Low-carbon systems	All-electric scheme; no gas
Whole-life carbon	Re-use of buildings lowers embodied impacts

Regulated by RICS



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- The new structures are exempt from Part S of the Building Regulations **Requirement S4 and regulation 44G: New buildings other than residential or mixed-use buildings** S4(a) which states that only new buildings with 10 or more parking spaces have to make provision for EV charging to 1 space. There are no additional parking spaces proposed in relation to this application.

Specifications for the Heater **InfraPet IP400:**

The IP400 Cattery & Cat Pen Heater

The— the new thermostatic 400w, Pet Safe, Cattery and Kennel heater.

The IP400 has an integrated room thermostat to regulate the temperature in the sleeping quarters.

Wall mounting with lift-on lift-off bracket, IP54 rated.

Output: 400 Watts

Dimensions: 800 x 370

Product Link: [InfraPet IP400 v2 Pet Heater – Pedigree Pens Shop](#)