

ELLINGHAM VILLAGE HALL – ENERGY AUDIT

Date: April 2026

Auditor Name(s): Robert McKibbin (Trustee)

1. General Information & Energy Use

- **Total Annual Energy Use (2024):** Electricity Usage - 3,444 kWh. Electricity exported – 1,624 kWh. (monthly figures available)
- **Heating Source:** Air Source Heat Pump
- **Occupancy Patterns:** Irregular use between 9.00am and 10.00pm.
- **Action:** Ongoing review of utility bills to identify peak usage times.

2. Heating & Ventilation

- Are timers set to match actual booking times? – Set for ‘average’ hall use.
- Is the thermostat set to a reasonable temperature (e.g., 19-21°C)? - Yes
- Are radiators clear of furniture and curtains? - N/A
- Are pipes insulated (lagging) in unheated areas? - Yes
- Are windows/doors closed during heating times? – Yes

3. Lighting

- Are all light bulbs LED? Yes
- Are lights turned off in unoccupied rooms? Yes – motion sensors installed
- Are "Turn Off" signs present near switches? Yes.
- Are windows clean to maximize natural light? - Yes

4. Building Fabric & Insulation

- Are there draughts around doors and windows? - No
- Is the roof/loft insulation adequate? - Yes

- Are curtains heavy and closed at night to retain heat? – No (thermal glazing installed)
- Is the building properly insulated (walls/floor)? - Yes

5. Appliances & Kitchen

- Are appliances (kettles, urns, dishwashers) switched off after use? - Yes
- Are fridges/freezers maintained (defrosted, good seals)? - Yes
- Is the hot water temperature set no higher than 60°C? - Yes
- Are standby power features disabled on audio/visual equipment? – Switched off after use.

6. Management & Communication

- Are regular hirers informed of energy-saving goals? – Yes (see Environment policy).
- Is there a checklist for the last user to turn off lights/heating? Yes (and motion sensors).
- Is the heating system serviced annually? - Yes

Action Plan Summary

- **Short Term (No/Low Cost):** No action required.
- **Medium Term (Small Investment):** No action required.
- **Long Term (Grant Funding Needed):** (None required as air source heat pump, solar panels and storage battery all installed).