

Job/Subject: Wharf Farm
Chipping

Energy Statement

Job No: 6567

Date: 18 March, 2026

This energy statement has been written to accompany the application submitted to Ribble Valley Borough Council and is to be read in conjunction with the application drawings and supporting documents.

The site is located at Wharf Farm, Talbot Street, Chipping, Preston, PR3 2QE.

The proposal seeks to demolish an existing 20th century bungalow and erect a new two storey detached dwelling in approximately the same position.

The new dwelling will be an overall improvement to the existing in its energy efficiency for the reasons provided below.

Due to the property being newly built the quality of its insulation and thermal standards will be much greater than the existing building. Furthermore, two storey structures are inherently more efficient in storing heat than a bungalow, lending our design to be more energy efficient than the existing.

Our proposal contains various renewable methods of generating heating and electrical energy including the following:

- Our proposal shows an air source heat pump (approx 7kWh) which will be positioned by the garage. This will take the load for the heating in the house.
- An electric immersion heater will be installed to work in conjunction with the air source heat pump on providing hot water.
- The 16 solar panels shown to the roof of the garage building and the additional 16 in the field at the north of the site will support the electricity production outside of the mains power. The combined power of the solar arrays will be approximately 12.8 kWh.

In conclusion, our drawings outline a proposal that is more energy efficient than the existing due to its inherent thermal properties as a two storey building, the standards of modern construction providing higher quality insulating ability, and its use of various sustainable sources of energy production.