Modelled and measured energy use

Both are useful when their purpose and assumptions are understood.

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1 Use the applicable assessment

Confirm the energy-assessment method and version required for this project. Record assumptions, product data and the rules applying at its application date.

2 What monitoring shows

Metered consumption reflects the occupants, weather, operating settings and building condition during the measurement period.

3 Compare fairly

Align floor area, time period, fuel, end uses, occupancy and weather before drawing conclusions.

4 Controls and evidence

Check how the applicable methodology treats the specified controls. Avoid a blanket claim that all controls receive no credit.

5 Check performance claims

A low measured bill does not establish Passivhaus certification or all required performance criteria.

6 Close the gap

Review design inputs, installation, commissioning and operation. Use the applicable assessment version and retain supporting records.

Use measured data to investigate performance; it does not automatically replace the required assessment.

REFERENCE GUIDANCE

GOV.UK: Standard Assessment Procedure

Use current product instructions and the approved project design. For regulations, confirm the UK nation, applicable edition and transitional arrangements.