

Issue ID	Description	No. of Credits Available	Mandatory Elements
Ene 3	Energy Display Devices	2	No

Aim

To promote the specification of equipment to display energy consumption data, thus empowering dwelling occupants to reduce energy use.

Assessment Criteria

Criteria	Credits
Where current electricity OR <i>primary heating fuel</i> consumption data are displayed to occupants by a <i>correctly specified energy display device</i> .	1
Where current electricity AND primary heating fuel consumption data are displayed to occupants by a correctly specified energy display device.	2
Default Cases Where electricity is the primary heating fuel and current electricity consumption data are displayed to occupants by a correctly specified energy display device.	2

Information Required to Demonstrate Compliance

Schedule of Evidence Required	
Design Stage	Post Construction Stage
<p>Detailed documentary evidence confirming:</p> <p>That the correctly specified energy display device is dedicated to the dwelling</p> <p>AND</p> <p>The consumption data displayed by the correctly specified energy display device</p>	<p>For post construction stage only assessments, provide detailed documentary evidence (as listed for the design stage) representing the dwellings as built</p> <p>OR</p> <p>Provide written confirmation from the developer that the energy display device has been installed as specified in the design stage detailed documentary evidence</p>
<p>Where detailed documentary evidence cannot be produced at this stage:</p> <p>A specification can be allowed as evidence of intent to meet specific requirements</p> <p>OR</p> <p>A letter of instruction to a contractor/supplier or a formal letter from the developer giving the specific undertaking can be allowed</p>	<p>OR</p> <p>Where only a specification/letter of instruction is provided at the design stage, provide detailed documentary evidence (as listed for the design stage) representing the dwellings as built</p> <p>OR</p> <p>Where different from the design stage, provide detailed documentary evidence (as listed for the design stage) representing the dwellings as built</p> <p>OR</p> <p>Provide a <i>site inspection report</i> confirming compliance</p>

Definitions

Correctly Specified Energy Display Device

This is a system comprising a self-charging sensor(s) fixed to the incoming mains supply/supplies, to measure and transmit energy consumption data to a visual display unit. As a minimum the visual display unit must be capable of displaying the following information:

- Local time

- Current mains energy consumption (kilowatts and kilowatt hours)
- Current emissions (g/kg CO₂)
- Current tariff
- Current cost (in pounds and pence). For pre-payment customers this should be 'real time' data and for 'credit' paying customers cost should be displayed on a monthly basis
- Display accurate account balance information (amount in credit or debit)
- Visual presentation of data (i.e. non-numeric) to allow consumers to easily identify high and low level of usage
- Historical consumption data so that consumers can compare their current and previous usage in a meaningful way. This should include cumulative consumption data in any of the following forms day/week/month/billing period.

Primary Heating Fuel

The fuel used to provide the majority of heat to the dwelling under assessment.

Site Inspection Report

This is a report prepared by the Code assessor during a post construction stage assessment and issued as evidence with the assessment.

Assessment Methodology

The assessment criteria should be read with the methodology and the definitions in this section. Credits are awarded where the performance requirements (set out in the assessment criteria table) have been met.

Design Stage

- Confirm whether a correctly specified energy display device has been provided.
- Confirm whether the specified device displays electricity consumption data and/or primary heating fuel consumption data.

Post Construction Stage

Either:

- Confirm that no changes have been made to the design during construction that impact on the energy display device specification.

Or, where changes have been made during construction:

- As for the design stage, but based on as built information.

Calculation Procedures

None.

Checklists and Tables

None.

Common Cases of Non-Compliance

None.

Special Cases

None.