

## Policy ESD 2: Energy Hierarchy and Allowable Solutions

B.184 Whilst we need to promote renewable energy where appropriate (see 'Policy ESD 3: Sustainable Construction'), it would be counter-productive to encourage generation of renewable energy if energy is being wasted by inefficiency. As such Policy ESD 2 expresses our support for an 'energy hierarchy'.



B.185 An Energy Statement will be required for proposals for major residential developments (over 10 dwellings), and all non-residential development to demonstrate how the energy hierarchy has been applied. The Energy Statement can form a standalone document or be part of the Design and Access Statement. The Council will produce a template for use in preparing energy statements.

B.186 Carbon emissions reductions can be achieved through a range of “allowable solutions”; measures which secure carbon savings off site. These have yet to be defined by the government but could potentially include investment in off site low and zero carbon technologies. The concept is relatively new and is seen as a way to enable developments to become carbon neutral where it is not possible to deal with all carbon emissions through on site measures. It will not always be cost effective or technically feasible to meet the zero carbon standard through on site measures and the government is therefore proposing that the zero carbon standard could be achieved by mitigating the remaining emissions off-site through the use of allowable solutions. The Council will support the implementation of the national approach to allowable solutions once defined and any additional implementation guidance required at a local level will be set out in the Local Plan Part 2 and the Sustainable Buildings in Cherwell SPD’.

## Policy ESD 2: Energy Hierarchy and Allowable Solutions

**In seeking to achieve carbon emissions reductions, we will promote an 'energy hierarchy' as follows:**

- Reducing energy use, in particular by the use of sustainable design and construction measures
- Supplying energy efficiently and giving priority to decentralised energy supply
- Making use of renewable energy
- Making use of allowable solutions.

B.187 The detailed application of the energy hierarchy in assessing proposals will be explained in the Sustainable Buildings in Cherwell SPD.

B.188 Policies on each element of the energy hierarchy are set out in order below.