

Policy ESD 5: Renewable Energy

B.197 This policy sets out the Council's support for renewable energy where appropriate, the third step in the energy hierarchy of 'Policy ESD 2: Energy Hierarchy', in order to contribute to national carbon emissions reductions and renewable energy generation targets. The Council will produce guidance and a template for use in preparing feasibility assessments. Planning applications for renewable and low carbon energy will be considered against Policy ESD 5 in addition to current government advice in the NPPF and NPPG.



B.198 Mapping of spatial opportunities for renewable energy has been undertaken in The Cherwell Renewable Energy and Sustainable Construction Study (see Appendix 3: Evidence Base) which sets out the potential for different types of renewable energy development in the District and maps the broad spatial opportunities for renewables. We have not allocated specific spatial opportunities for large scale renewable energy in this Local Plan, primarily because very few opportunities have been identified and even these are subject to constraints which require detailed investigation. We have however mapped the broad potential for District heating opportunities in Cherwell (see 'Policy ESD 4: Decentralised Energy Systems').

B.199 Based on local evidence available at the current time (see Appendix 3: Evidence Base) opportunities for large scale wind generation are considered to be limited and uncertain, although there is potential for scattered single turbines or small clusters. Policy ESD5 will apply to all proposals for wind turbine development including monitoring masts. In line with the UK Renewable Energy Strategy, the community ownership of wind power and other renewable energy schemes is encouraged within Cherwell.

B.200 Impacts on residential amenity are particularly pertinent in relation to wind turbines and wind farm development. To minimise adverse impacts on residential amenity, the Council will apply minimum separation distances between turbines and dwellings. Further guidance on separation distances is set out in the Council's "Planning Guidance on the Residential Amenity Impacts of Wind Turbines Development" document (2011).

B.201 There is increasing interest in the development of large scale solar PV arrays in Cherwell. The issues of local significance set out below will be relevant considerations in the determination of such proposals as well as the need to protect the District's high quality agricultural land (Grades 1 and 2).

B.202 Policy in relation to renewable energy generation in the Cotswolds Area of Outstanding Natural Beauty (AONB) is set out in the Cotswolds AONB Management Plan, produced by the Cotswolds Conservation Board, which has been adopted by this council as supplementary planning guidance.

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The Council supports renewable and low carbon energy provision wherever any adverse impacts can be addressed satisfactorily. The potential local environmental, economic and community benefits of renewable energy schemes will be a material consideration in determining planning applications.

Planning applications involving renewable energy development will be encouraged provided that there is no unacceptable adverse impact, including cumulative impact, on the following issues, which are considered to be of particular local significance in Cherwell:

- Landscape and biodiversity including designations, protected habitats and species, and Conservation Target Areas
- Visual impacts on local landscapes
- The historic environment including designated and non designated assets and their settings
- The Green Belt, particularly visual impacts on openness
- Aviation activities
- Highways and access issues, and
- Residential amenity.

A feasibility assessment of the potential for significant on site renewable energy provision (above any provision required to meet national building standards) will be required for:

- All residential developments for 100 dwellings or more
- All residential developments in off-gas areas for 50 dwellings or more
- All applications for non-domestic developments above 1000m² floorspace.

Where feasibility assessments demonstrate that on site renewable energy provision is deliverable and viable, this will be required as part of the development unless an alternative solution would deliver the same or increased benefit. This may include consideration of 'allowable solutions' as Government Policy evolves.