

Appendix 1: Standard template for Energy Strategies

Bristol City Council also accepts energy strategies prepared using Explorator. See explanation in section 3.1 of this Practice Note for more information.

1. Summary table

The summary table should be supported by a written explanation of the measures proposed and a full set of calculations as set out under "Detailed Measures" below. Where relevant, the proposed measures should also be shown on the application drawings.

	Energy demand (kWh pa)	Energy saving achieved (%)	Regulated CO ₂ emissions (kg pa)	Saving achieved on residual CO ₂ emissions (%)
Building Regulations Part L compliance ("Baseline" energy demand & emissions)	41640		965	
Proposed scheme after energy efficiency measures and OHP ("Residual" energy demand & emissions)	4270			
Proposed scheme after on-site renewables	3712	20%	772	20%
Proposed scheme offset for financial contribution or other "allowable solution"				
Total savings on residual emissions	3712		772	20%

2. Detailed measures

2.1 Baseline energy demand

Set out the projected annual energy demand and regulated CO₂ emissions of the development as a Part L Building Regulations compliant scheme without renewable energy supply. For residential development, this is achieved using the Standard Assessment Procedure (SAP). For non-residential development, this is achieved using a standard model known as SBEM.

Baseline energy demand (kWh pa)	
Regulated emissions (kg pa)	