Please submit this form with your planning application. See Section 7 of the Renewable Energy Supplementary Planning Document for detailed guidance on how to undertake the calculations.

Please complete the relevant white boxes. Calculations will automatically be entered into the pink boxes.

Stage 1. Work out the annual CO_2 emissions of the buildings

Complete either calculations 1, 2, 3 or 4

1. Calculations where there is no Standard Assessment Procedure or Simplified Building Energy Model data

Where there is more than one type of building you will need to undertake this calculation separately for each building type.

Building type 1:

Annual benchmark CO_2 emissions per m^2 (a)		$kgCO_2/yr$
x floor area (b)		m^2
= annual CO_2 emissions (c)	0	$kgCO_2/yr$

Building type 1:

Annual benchmark CO_2 emissions per m^2 (a)		$kgCO_2/yr$
x floor area (b)		m^2
= annual CO_2 emissions (c)	0	$kgCO_2/yr$

Building type 1:

Annual benchmark CO_2 emissions per m^2 (a)		$kgCO_2/yr$
x floor area (b)		m^2
= annual CO_2 emissions (c)	0	$kgCO_2/yr$

Total CO_2 emissions (c) + (c) + (c) = (d)	0	$kgCO_2/yr$

OR

2. Annual CO_2 emissions from SAP assessment

Stage 4. Check that your chosen technology will provide enough CO_2 savings

(j) should be equal to or greater that (e) to ensure that at least 10% of predicted CO2 emissions are offset through renewable energy.

% of CO2 emissions which will be offset by renewable energy **(j) / (d)** 107.7% %

If this figure is less than 10%, look at increasing the size / capacity of the installation, try other technologies or look at using a mix of technologies.